

BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIUM

Volume 8

Synopsis Speciorum. Mollusca: Cephalopoda

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GRAPHIA) is published as a series of volumes of selected information from the computerized Bibliography of Canadian Aquatic Invertebrates maintained by the National Museum of Canada It encompasses three general areas an index of generic names (Index Generum), a list of the references used in BIBLIOGRAPHIA) (Index Bibliographicus), and a cumulation of judished information on species, by taxonomic group (Singuiss Specioum).

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GRAPHIA) est une sellertion de volumes qui contennent des renseagments choists provenant de la Bibliographie uniformatiere des micrefreis aquicitiques du Canada, tenne jur le Muse national des vinces naturelles, Musees nationaus du Canada Cette bibliographie comprend trois elements principaus une bus egenérique (Index Geneum), une livie de references unifores dans Bibliographies (Index Bibliographies), et une compilation des informations publiées sur les especes, par groupe taxinomique (syrungus) Spotorumi).

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PRÉFACE

Publications on aquatic invertebrates of Canada first appeared in the late eighteenth century. During the early days, taxonomic studies dominated the literature, and many of these were published as part of the scientific results of expeditions or in monographs of taxonomic groups. With the advance of science, the scope of invertebrate studies has expanded to cover a large number of different fields, such as ecology, fisheries, physiology, biochemistry and genetics. Consequently, results of these studies have been published in hundreds of different kinds of scientific journals and reports, some of which are obscure and difficult to obtain. It has thus become tremendously difficult to assemble available published information on the aquatic invertebrate fauna of our country. In the past, bibliographers attempted to compile information on these animals but most of them limited their scope to a taxonomic group, an ecological unit, or aspecial topic.

The Bibliography of Canadian Aquatic Invertebrates, Bibliographia Invertebratorum Aquaticorum Canadensium, was started in 1973, and in 1975 became a special project of the Canadian Oceanographic Identification Centre; since 1979 it has been carried on by the Invertebrate Zoology Division of the National Museum of Natural Sciences. The purpose of this project is to document as many as possible of the scientific names applied to Canadian marine and freshwater invertebrates, to establish a list of currently recognized species, and to compile relevant published data, such as records of distribution and categories of studies for each species. All Recent free living and ectoparasitic species are included but all insects, protozoans, and endoparasities are excluded.

Bibliographia deals with all marine and freshwater environments in Canada. However, in order to present a complete synopsis of the aquatic invertebrate fauna of northern North America, Alaska, Puget Sound, Lake Champlain and the whole of the Great Lakes, except Lake Michigan, are included.

In the freshwater environment, all permanent and temporary inland water bodies are considered. Thirteen regions are recognized based on political boundaries, namely: British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland, Alaska (including the Aleutian Islands east of 170°W), Yukon Territory, and Northwest Territories, and two based on natural water bodies: St. Lawrence Great Lakes and Lake Champlain.

In the marine environment we have covered localities (from about 48°W to 170°W) within the 200-metre bathymetric contour but including deeper waters of embayments and passages between islands. Three regions are recognized: Pacific, Arctic, and Atlantic. The Pacific Region covers the coastal waters from Cape Flattery, Washington to the Aleutian Islands, Alaska,

Les premières publications sur les invertébrés aquatiques du Canada ont paru vers la fin du XVIII siècle. Au début, la littérature sur cette question était dominée par les études taxinomiques, dont beaucoup étaient publiées sous forme de tranches de résultats d'expéditions scientifiques, ou de monographies sur des groupes taxinomiques. Avec les progrès de la science, le champ des études des invertébrés s'est étendu à un grand nombre d'autres domaines, dont l'écologie, les pêcheries, la physiologie, la biochimie et la génétique. Par conséquent, les résultats de ces études ont paru dans des centaines de types différents de revues et de rapports scientifiques, dont certains sont peu connus et à accès difficiel. Il est donc devenu extrêmement difficiel de rasembler toute la documentation publiée sur les invertébrés aquatiques de notre pays. Par le passé, des bibliographes se sont efforcés de réunir l'information sur ces animaux mais, dans la plupart des cas, ont limité leurs travaux à un groupe taxinomique, à une zone écologique ou à un sujet particulier.

Les travaux sur la Bibliographie des invertébrés aquatiques du Canada, Bibliographia Invertebratorum Aquaticorum Canadensium, ont commencéen 1973; en 1975, ils devenaient un projet spécial du Centre canadien d'identification océanographique et, depuis 1979, c'est la Division de la zoologie des invertébrés, au Musée national des sciences naturelles, qui s'en charge. Ce projet a pour but de recueillir le plus grand nombre possible de noms scientifiques qui désignent les invertébrés d'eau salée ou d'eau douce du Canada, de dresser une liste des espèces actuellement reconnues et de réunir les données publiées pertinentes, notamment celles concernant la répartition et les études relatives à chacune de ces espèces. Le projet embrasse toutes les espèces d'invertébrés indépendants et ectoparasites du Quaternaire récent, mais ne comprend pas les insectes, les protozoaires et les endoparasites.

La Bibliographia porte sur tous les milieux d'eau salée et d'eau douce du Canada. Toutefois, afin que la synopsis englobe la faune des invertébrés aquatiques de toute l'Amérique du Nord septentrionale, notre étude embrasse également l'Alaska, Puget Sound, le lac Champlain, et les Grands Lacs, sauf le lac Michigan.

Dans les eaux douces, toutes les masses d'eau permanentes et temporaires de l'intérieur sont comprises. Le territoire étudié est subdivisé en treize régions correspondant au découpage politique: Colombie-Britannique, Alberta, Saskatchewan, Manitoba, Ontario, Québec, Nouveau-Brunswick, Nouvelle-Écosse, Île-du-Prince-Édouard, Terre-Neuve, Alaska (y compris les Aléoutiennes à l'est de 170° 0), Territoire du Yukon et Territoires du Nord-Ouest, et deux régions correspondant aux grandes masses d'eau: les Grands Lacs du Saint-Laurent, et le lac Champlain.

En ce qui concerne les eaux salées, notre travail englobe tous les endroits situés à l'intérieur de la courbe bathymétrique de 200 m (entre approximativement 48° et 170° 0), mais aussi les eaux profondes des enfoncements du littoral et des passages entre les îles. Le territoire étudié est subdivisé en trois régions correspondant aux trois océans; Pacifique, Arctique et Atlantique. La région du

including Juan de Fuca Strait, Puget Sound, and the Gulf of Alaska. The Arctic Region, from the Aleutian Islands to Cape Chidley, Labrador, includes the eastern Bering and Chukchi seas, and southern Beaufort Sea, and the coastal waters around and passages between the Canadian arctic islands. The Atlantic Region, from Cape Chidley to Browns Bank and the mouth of the Bay of Fundy, includes the Gulf of St. Lawrence and the Laurentian Channel.

Conventional tools, such as Zoological Record and Biological Abstracts, were used to search the literature. Complete runs of more than forty scientific journals which have been the primary sources for publications on aquatic invertebrates in general and Canadian species in particular were scanned, including: all publications in zoology by the National Museums of Canada and the United States National Museum; all publications by the Fisheries Research Board of Canada, Canadian Journal of Zoology and The Canadian Field-Naturalist, in all their different incarnations; and Le Naturaliste canadien. Subsequently, references cited in the publications reviewed were checked. We have striven to search all literature of aquatic invertebrates up to and including 1976 but realize that no endeavour of this sort could ever be complete*. In all we have reviewed works published in more than 700 different scientific journals and expedition reports and in numerous books, and abstracted relevant information from about 5 000 articles. Updating of our list of references to certain taxonomic groups has been carried on in conjunction with the preparation of several publications for Bibliographia, increasing the number of articles to about 6 500. This information is stored in the computer system of the Canadian Heritage Information Network of the National Museums of Canada.

With the computer facilities, three kinds of publications are being produced: a generic list, Index Generum (Volume 1), a reference list, Index Bibliographicus (Volume 2), and a series of species synopses of the taxonomic groups, Synopsis Speciorum (Volume 3 et seq.). In 1982, the inventory contained more than 17 000 species names in about 4 700 genera, from almost all phyla of the Animal Kingdom. Obviously, we will need the help of specialists to clarify the validity of some of these names, and we invite scholars to author publications in the Synopsis Speciorum series.

expanded to its present form in 1975 by Chang-tai Shih, Diana Laubitz, and Ian Sutherland. Nishi Sharma (1975-1980) and Penelope Adams (summers of Pacifique englobe les eaux côtières depuis le cap Flattery (État de Washington) aux îles Aléoutiennes (Alaska), y compris le détroit de Juan de Fuca, Puget Sound, et le golfe d'Alaska, La région de l'Arctique s'étend des îles Aléoutiennes au cap Chidley (Labrador), y compris la partie orientale de la mer de Béring et de la mer des Tchouktches, et la partie méridionale de la mer de Beaufort, ainsi que les eaux côtières entourant les îles de l'Arctique canadien et les passages entre celles-ci. La région de l'Atlantique s'étend du cap Chidley (Labrador) jusqu'au banc de Browns et à l'embouchure de la baie de Fundy, y compris le golfe du Saint-Laurent et le chenal Laurentien.

Pour orienter nos recherches, nous avons consulté des volumes de références. comme le Zoological Record et les Biological Abstracts. De plus, nous avons dépouillé la collection complète de plus de quarante revues scientifiques, qui ont constitué les principales sources de publications sur les invertébrés aquatiques en général et sur les espèces du Canada en particulier, notamment: toutes les publications sur la zoologie des Musées nationaux du Canada et de l'"United States National Museum"; toutes les publications du Conseil de recherches sur les pêcheries du Canada, le Journal canadien de zoologie et le Canadian Field-Naturalist dans tous leurs avatars, et Le naturaliste canadien. Il s'agissait ensuite de retracer les références indiquées dans les publications dépouillées. Nous avons essayé d'examiner toute la documentation au sujet des invertébrés aquatiques publiée jusqu'en 1976 inclusivement, mais nous nous rendons compte qu'aucune tentative de ce genre ne sera jamais entièrement couronnée de succès*. En tout, le dépouillement à porté sur les travaux publiés dans plus de 700 revues scientifiques et rapports d'expéditions et dans de nombreux ouvrages, et quelque 5 000 articles ont fourni des données pertinentes. Concurremment avec la préparation de plusieurs publications pour Bibliographia nous avons aussi mis à jour notre liste de références pour certains groupes taxinomiques, et la liste compte maintenant près de 6 500 articles. Ces informations sont stockées dans la banque du Réseau canadien d'information sur le patrimoine, aux Musées nationaux du Canada.

Nous servant des ressources de l'informatique, nous produisons trois types de publications: une liste générique, Index Generum (Volume 1); une liste de références, Index Bibliographicus (Volume 2); et une série de synopsis sur les espèces des groupes taxinomiques, Synopsis Speciorum (Volume 3 et suivants). En 1982, nos données renfermaient le nom de plus de 17 000 espèces appartenant à quelque 4 700 genres provenant de presque tous les embranchements du règne animal. Evidemment, il nous faudra obtenir l'aide de spécialistes pour contrôler la validité de certains de ces noms. Des chercheurs seront invités à écrire des textes pour la série des Synopsis Speciorum, et ils

nombre de personnes. En 1973, Diana Laubitz a commencé à établir une bibliographie des invertébrés benthiques du Canada. En 1975, Chang-tai Shih, Diana Laubitz et Ian Sutherland étendirent la portée de ce projet et lui donnèrent sa forme actuelle. Nishi Sharma (1975-1980) et Penelope Adams

auront accès à cette fin aux données informatisées. Cette bibliographie n'existerait pas sans les efforts concertés d'un grand This bibliography programme would not have been accomplished without the collective efforts of many people. In 1973, Diana Laubitz started to compile a bibliography of Canadian marine benthic invertebrates. This project was

^{*}For recent publications, computerized retrieval systems are available, through, for instance, Canada Institute for Scientific and Technical Information (CISTI) of the National Research Council of Canada.

^{*}Pour retracer les publications récentes, il existe des systèmes informatiques de recherche documentaire, comme celui de l'Institut canadien de l'information scientifique et technique (ICIST), au Conseil national de recherches du Canada.

1975-1978) undertook the basic search and review of the literature. Wendy Antoine organized the data for computer input, operated the computer terminal, and maintained the *Bibliographia* data base. Rolande Gaulin and Judith Price assisted in entering new references to our computerized file.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill, and Jane Topping, all of the Invertebrate Zoology Division, and Stephen Nash, Deanna Beckett, Dale Johannsen, Eva and Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma, and Catherine Symons have contributed to our work and are duly acknowledged. The maps were prepared by Sally Gadd with the advice of Brian Cromie of the Department of Energy, Mines and Resources.

We thank Audrey Dawe, former Chief Librarian, Valerie Monkhouse, Director of Library Services, and Arch Stewart, Natural Sciences Librarian, of the National Museums of Canada, and their staff for cheerfully accepting our extraordinary demands on their service; Peter Homulos, Ray Bellamy and the staff of the Canadian Heritage Information Network, for assisting us in computer programming and data processing; and Eleanor Fenton, former Publications Coordinator of the National Museum of Natural Sciences, who advised and assisted in the production of Bibliographia. For their encouragement and trust during the course of our seemingly never-ending preparation of the bibliography, we would like to express our deep appreciation to Daniel Faber, formerly Chief of the Canadian Oceanographic Identification Centre, Charles Gruchy, Assistant Director, and Louis Lemieux, former Director of the National Museum of Natural Sciences.

Chang-tai Shih Diana R. Laubitz National Museum of Natural Sciences Ian Sutherland Canadian Heritage Information Network

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(étés 1975-1978) se sont mise à dépouiller et à passer en revue des éléments de la documentation. Wendy Antoine a organisé les données à informatiser, a fait fonctionner le terminal, et a tenu à jour la base des données de la *Bibliographia*. Rolande Gaulin et Judith Price nous ont aidé dans le processus d'informatisation des nouvelles références.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill et Jane Topping, tous de la Division de la zolotgie des invertébrés, et Stephen Nash, Deanna Beckett, Dale Johannsen, Eva et Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma et Catherine Symons ont contribué à nos travaux et ils ont droit à leur part de gratitude. Sally Gadd a préparé les cartes et aété conseillée par Brian Cromie du ministère de l'Energie, des Mines et des Ressources.

Notre reconnaissance va également à Audrey Dawe, ancienne bibliothécaire en chef, à Valerie Monkhouse, directrice des Services de bibliothèque, et à Arch Stewart, bibliothécaire des sciences naturelles, des Musées nationaux du Canada, et à leur personnel, pour avoir acceuilli avec une grande gentillesse nos demandes de services exceptionnelles; à Peter Homulos, à Ray Bellamy et au personnel du Réseau canadien d'information sur le patrimoine, pour nous avoir aidé à programmer et à traiter les données; et à Eleanor Fenton, ancienne coordonnatrice des publications du Musée national des sciences naturelles, pour ses conseils et son aide pendant la production des premiers volumes de la Bibliographia. Enfin, pour leurs encouragements et leur confiance tout au long de notre interminable travail de préparation de la Bibliographie, nous tenons à exprimer nos profonds remerciements à Daniel Faber, autrefois chef du Centre canadien d'identification océanographique, à Charles Gruchy, directeur adjoint, et à Louis Lemieux, ancien directeur du Musée national des sciences naturelles.

Chang-tai Shih
Diana R. Laubitz
Musée national des sciences
naturelles
Ian Sutherland
Réseau canadien d'information sur
le patrimoine



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INTRODUCTION

The class Cephalopoda comprises a group of bilaterally symmetrical molluses. They are among the most specialized and highly developed invertebrates and are well adapted to their active predatory life. They are almost all restricted to the marine environment, and are found throughout the world oceans with representatives occurring from the intertidal zone to bathyal depths. They occur in all marine habitats in Canada: benthic, epibenthic, neritic and pelagic. The North Atlantic octopus, Bathypolypus arcticus, has also been found in estuaries (Jean 1948; personal observation). In Canada, the class is represented by approximately 77 species in 23 families and 3 orders: the Sepioidea (cuttlefishes and bob-tailed squids) with 2 families; Teuthoidea (squids) with 13 families; and the Octopoda (octopods) with 8 families.

North American cephalopod taxonomy and systematics were pioneered by A.E. Verrill, who published on the northwestern Atlantic fauna between 1874 and 1897 (Clarke 1966:298-299), and S.S. Berry, who studied Pacific cephalopods between 1909 and 1955 (Sweeney and Roper 1984). Very few studies have been based solely on Canadian collections. Berry (1925) examined a small collection of cephalopods from the Canadian Arctic Expedition. In 1968 Mercer published the first and only synopsis of Canadian cephalopods from all three oceans. As he pointed out in his introduction, the synopsis was intended to be a preliminary work to be supplemented with a series of faunal reports, none of which were actually published. Stephen (1982MS) listed 80 species of cephalopods collected off the Atlantic coast of Canada, including species obtained from Gulf Stream waters flowing past the edge of both the Scotian Shelf and the Grand Banks. No thorough regional review of Canadian west coast cephalopods has been carried out, although Berry (1912) discussed some species which had continuous distribution from Alaska to Washington and Oregon.

Generic and family revisions of cephalopods have taken place worldwide over the last 25 years (Roper 1983). Although they have been of great importance in stabilizing the systematics of world cephalopods, few of these revisions have included representatives from Canadian waters. The classification used in this synopsis is based on Voss (1977) as modified by Roper, Sweeney and Nauen (1984).

A number of general texts and symposia dealing with the behaviour, ecology, fisheries, life history and systematics of cephalopods have been published recently. Useful sources of information on the Cephalopoda in general include: Boyle (1983), Clarke (1986), Mangold and Boletsky (1985), Moynihan (1985), Neiss (1982), Nixon and Messenger (1977), Roper, Lu and Hochberg (1983) and Roper, Sweeney and Nauen (1984).

INTRODUCTION

La classe des Céphalopodes est un groupe de mollusques à symétrie bilatérale. Ces invertébrés sont parmi les plus spécialisés et les plus développés; ils sont bien adaptés à leur mode de vie prédateur. Les Céphalopodes vivent presque tous en milieu marin; ils vivent dans toutes les mers du monde et on en retrouve de la zone intertidale aux profondeurs bathyales. Au Canada, ils sont trouvés dans tous les habitats marins: benthique, épibenthique, néritique et pélagique. Le poulpe boreal, Bathypolypus arcticus, a été également trouvé dans les estuaires (Jean 1948; observation personnelle). Au Canada, cette classe est composée d'environ 77 espèces regroupées en 23 familles et 3 ordres: les Sépioides (seiche) qui comptent 2 familles, les Teuthoides (calmar) qui comptent 13 familles et les Octopodes qui comptent 8 familles.

Les premiers travaux de taxinomie et de systématique des Céphalopodes de l'Amérique du Nord ont été faits par M. A.E. Verrill, qui a publié ses résultats sur la faune de la partie nord-ouest de l'Atlantique entre 1874 et 1897 (Clarke 1966:298-299) et M. S.S. Berry qui a étudié les Céphalopodes du Pacifique entre 1909 et 1955 (Sweenev et Roper 1984). Il existe très peu d'études portant uniquement sur des collections canadiennes. Berry (1925) a examiné une petite collection de Céphalopodes capturés lors de l'Expédition dans l'Arctique canadien. En 1968, Mercer a fait paraître la première, et la seule, synopsis des Céphalopodes canadiens de nos trois océans. Il avait précisé dans son introduction que la synopsis devait constituer un travail préliminaire à être complété par une série de rapports sur la faune; cependant, aucun de ces rapports n'a paru. Stephen (1982MS) a dressé une liste de 80 espèces de Céphalopodes capturés au large de la côte atlantique du Canada; cette liste comprenait des espèces capturées dans les eaux du Gulf Stream qui s'écoulaient au-dessus de la bordure du plateau Scotian et de celle des Grands Bancs. Aucune revue régionale détaillée des Céphalopodes de la côte ouest du Canada n'à été faite à ce jour, même si Berry (1912) a considéré certaines espèces dont la distribution entre l'Alaska et les états de Washington et de l'Orégon était continuelle.

Durant ces 25 dernières années, les spécialistes se sont livrés à des revisions des genres et des familles des Céphalopodes (Roper 1983). Bien que ces travaux aient eu une importance considérable pour fixer la systématique des Céphalopodes du monde, peu de ces revisions incorporaient des représentants des eaux canadiennes. La classification utilisée dans la présente synopsis est une variante de celle de Voss (1977) modifiée par Roper. Sweeney et Nauen (1984).

Un nombre de textes généraux et de rapports de colloques ayant trait au comportement, à l'écologie, aux pêcheries, au cycle vital et à la systématique des Céphalopodes ont paru récemment. Mentionnons comme sources utiles d'information sur les Céphalopodes en général: Boyle (1983), Clarke (1986), Mangold et Boletsky (1985), Moynihan (1985), Nesis (1982), Nixon et Messenger (1977), Roper, Lu et Hochberg (1983) ainsi que Roper, Sweeney et Nauen (1984).

Complete bibliographic citations for most references on the Canadian aquatic invertebrates published prior to 1977 may be found in Index Bibliographicus, Volume 2 of Bibliographia. This Synopsis Speciorum lists all of the references retrieved to date pertaining to Cephalopoda including those that are recorded in Index Bibliographicus. All efforts were made to ensure that this work would be complete; however, omissions may have occurred. Journal titles have been abbreviated according to the Serial Sources for the BIOSIS Data Base (1981); for older journals and non-standard publications the BIOSIS conventions for abbreviation were used with formats suggested by National Museums of Canada librarians. Further information on bibliographic methods is given in the Introduction to Volume 2 of Bibliographia.

In this Synopsis Speciorum, genera and species are arranged alphabetically by their currently accepted names within their respective families, which are also in alphabetical order. Below each species heading is a list of the names applied. Where a name is recorded followed by AS. . . (e.g., AS MOROTEUTHIS ROBUSTUS), this generally indicates that an incorrect spelling, such as a traditional variation or a typographical error, was used. Where it has been possible synonomies have been brought up to date. In the case of uncertain species identification using an attribution of some form (for example: near, probably, cf., af.), the species is recorded under the generic name followed by AS and the format GENUS CF. SPECIES. To facilitate computer indexing, the expression cf. has been used regardless of the original form of the attribution in the literature.

Following the list of names applied is a notation as to the usual general habitat of the animal concerned. This has been limited to "marine". The geographic regions used are explained in the preface and are shown on the maps on the end-papers of this volume. Records which have no more geographic information than "Canada" or no more cephalopod identification than "squid" or "octoous" are not included in this report.

The 200 metre bathymetric contour border to the area covered posed some interesting problems with such a highly motile group of animals as cephalopods. This was particularly true on the east coast where the Gulf Stream runs close to the continental shelf edge, often forming warm core rings that break off and swing out over the shelf, rejoining the Stream further to the south. Several sub-tropical species of cephalopods have been collected in shelf waters (Stephen 1982MS). These species have been included for completeness.

To describe the context in which the species is discussed in each report, 16 general subject categories were designated:

Behaviour Bibliography Biochemistry Development
Distribution Ecology Fisheries Genetics

On pourra trouver dans l'Index Bibliographicus, le Volume 2 de la Bibliographia, les citations bibliographiques complètes de la plupart des ouvrages publiés sur les invertébrés aquatiques du Canada avant 1977. La présente Synopsis Speciorum contient une liste de toutes les références bibliographiques utilisées à date qui ont rapport aux Céphalopodes, y compris celles enregistrées dans l'Index Bibliographicus. Tout a été mis en oeuvre pour constituer une liste complète; cependant il a pu y avoir des omissions. Les titres de revues ont été abrégés d'après la Serial Sources for the BIOSIS Data Base (1981); pour les revues plus anciennes ou les publications sortant de l'ordinaire, nous avons employé les formes d'abréviations données dans la BIOSIS et des formules proposées par nos bibliothécaires. Une explication détaillée de nos méthodes bibliographiques se trouve dans l'Introduction du Volume 2 de la Bibliographia.

Dans cette Synopsis Spectorum, les genres et les espèces, désignés par leur nom actuellement reconnu, sont disposés par ordre alphabétique à l'intérieur de leurs familles respectives, lesquelles sont données également par ordre alphabétique. La vedette de chaque espèce est suivie de la liste des noms usités. Lorsqu'un nom est suivi de la mention AS. . . (par exemple, AS MOROTEUTHIS ROBUSTUS), cela signifie généralement qu'une orthographe fautive, telle qu'une variation traditionnelle ou une erreur typographique, a été employée. Quand c'était possible, nous avons substituté les synonymes modernes à ceux qui sont passés d'usage. Dans le cas des espèces douteuses identifiéres à l'aide d'un déterminant (tel que "apparenté à", "probablement", "cf.", "d'après"), l'espèce est citée sous le nom générique suivi de AS et de la formule GENRE CF. ESPÈCE. Pour faciliter l'indexation automatisée, nous nous sommes servis du terme "cf.", sans égard à la forme originale de l'attribution dans la bibliographie.

La liste des noms en usage est suivie d'une note indiquant l'habitat général habituel de l'animal en question. Cette indication est limitée à "marine". Les régions géographiques citées sont définies dans la préface et sont représentées sur les cartes des pages de garde de ce volume. Les ouvrages dont l'information géographique se limite au "Canada" ou dont l'indication des Céphalopodes se limite à "calmar" ou "octopus" ne sont pas cités dans la synoposis.

Le secteur en périphérie de la région considérée, délimité par la courbe bathymétrique de 200 mètres, a soulevé des problèmes intéressants avec un groupe aussi mobile que les Céphalopodes. Cette remarque vaut particulièrement pour la côte est où le Gulf Stream passe à proximité de la marge du plateau continental et forme souvent des remous d'eau chaude qui se détachent, passent au-dessus du plateau et réintègrent le Gulf Stream plus au sud. Plusieurs espèces subtropicales de Céphalopodes ont été capturées au-dessus du plateau continental (Stephen 1982MS). Ces espèces sont comprises dans la liste.

Pour décrire le contexte dans lequel s'inscrit l'analyse des espèces dans chaque compte rendu, seize grands domaines ont été retenus:

Comportement Bibliographie Biochimie Développement Répartition Écologie Pêcheries Génétique Life History Morphology Pathology Physiology
Systematics Taxonomy Techniques Toxicology
While it is recognized that any division of this nature is arbitrary, these
categories taken together seem to cover the field fairly completely with a
minimum of overlap. Records may be listed under more than one category.

Acknowledgements

We wish to thank Chris Bublitz, Fishery Industrial Technology Center, University of Alaska, who kindly supplied us with references dealing with north-east Pacific cephalopods. We are greatly indebted to Gilbert and Nancy Voss, Rosenstiel School of Marine and Atmospheric Science, University of Miami, and Ronald Toll, University of the South, Sewanee, Tennessee, who first introduced SJS to the fascinating world of cephalopods; and to Jane Topping, National Museum of Natural Sciences, who provided DRL with information and access to cephalopod literature.

Acknowledgements are due to Chang-tai Shih for his help and advice: to Nishi Sharma and Penelope Adams who did the basic literature search; to Wendy Antoine who coordinated and entered the data into the computer; to Arch Stewart who organized the computerized literature searches, and helped to compose citations for some of the more obscure and problematic publications; and to Rolande Gaulin for typing the manuscript. Special thanks go to the staff of the Canadian Heritage Information Network for their help with the computerization, and in particular: Ray Bellamy and Bill Selkirk, for their programming; and Jane Sledge, Claire Trepanier, Merridy Cox, Margaret Keay, Steve Delroy and Carole Daoust for their assistance and advice. For permission to use the unpublished contents of the manuscript reports produced by the Department of Fisheries and Oceans appreciation is expressed to: E.B. Dunne, Newfoundland Region; A.W. Mansfield, Arctic Biological Station; K.E. Marshall, Freshwater Institute; D.J. Scarratt, St. Andrews Biological Station; and J.A. Thomson, Pacific Biological Station. And for the use of manuscript reports of ICNAF (International Commission for the Northwest Atlantic Fisheries) and NAFO (North Atlantic Fisheries Organization) we are indebted to Captain J.C. Esteves Cardoso, Executive Secretary of NAFO.

This report was funded in part by Contract No. 1630-6-NS-034, National Museum of Natural Sciences, to Stephen J. Stephen.

Cycle vital Morphologie Pathologie Physiologie Systématique Taxinomie Techniques Toxicologie Bien que nous reconnaissions le caractère arbitraire que présente toute division de cette nature, ces catégories prises dans leur ensemble paraissent couvrir assez bien toute l'étendue du sujet avec un minimum de chevauchement. Les documents peuvent être cités sous plus d'une catégorie.

Remerciements

Nous tenons à remercier Chris Bublitz du Fishery Industrial Technology Center, Université de l'Alaska, qui nous a fourni des références pour les Céphalopodes du nord-est du Pacifique. Nous tenons à remercier spécialement Gilbert et Nancy Voss de la Rosenstiel School of Marine and Atmospheric Science, Université de Miami, ainsi que Ronald Toll, University of the South à Sewanee, Tennessee, qui ont initié SJS aux Céphalopodes; et Jane Topping, du Musée national des sciences naturelles, qui a fourni à DRL des renseignements et de l'accès aux références pour les Céphalopodes.

Nous tenons à exprimer toute notre gratitude à Chang-tai Shih pour son aide et ses conseils; à Nishi Sharma et à Penelope Adams qui ont fait le dépouillement de base des références; à Wendy Antoine qui a coordonné les données et les a introduites dans l'ordinateur; à Arch Stewart qui a organisé nos recherches documentaires informatisés, et qui nous a aidé à composer les inscriptions pour des publications plus obscures ou discutables; et à Rolande Gaulin pour avoir dactylographié le manuscrit. Nous désirons remercier tout spécialement le personnel du Réseau canadien d'information sur le patrimoine pour son assistance dans le travail d'informatisation, et en particulier: Ray Bellamy et Bill Selkirk pour leur travail de programmation; et Jane Sledge, Claire Trepanier, Merridy Cox, Margaret Keay, Steve Delroy et Carole Daoust pour leur aide et leurs conseils.

Nous savons gré à E.B. Dunne, de la région de Terre-Neuve, à A.W. Mansfield, de la Station de biologie arctique, à K.E. Marshall, de l'Institut des eaux douces, à D.J. Scarratt, de la Station de biologie de St. Andrews et à J.A. Thomson de la Station de biologie du Pacifique, de nous avoir autorisés à utiliser le contenu inédit des études manuscrites produites par le ministère des Pêches et des Océans. Nous savons gré au commandant J.C. Esteves Cardoso, secrétaire de direction de la NAFO, qui nous a donné accès aux rapports manuscrits de la NAFO (North Atlantic Fisheries Organization) et de l'ICNAF (International Commission for the Northwest Atlantic Fisheries).

Ce rapport a été partiellement subventionné en vertu du marché no 1620-6-NS-034, Musée national des sciences naturelles, à Stephen J. Stephen.

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Orders and Families of Cephalopoda Recorded from Canada Ordres et familles de Céphalopodes signalés au Canada

SEPIOIDEA

Sepiidae Sepiolidae Spirulidae

TEUTHOIDEA

Architeuthidae Branchioteuthidae Chiroteuthidae Cranchiidae Enoploteuthidae Gonatidae

TEUTHOIDEA (cont.)

Lepidoteuthidae Loliginidae Mastigoteuthidae Octopoteuthidae Ommastrephidae

OCTOPODA Alloposidae

Argonautidae Bolitaenidae Cirroteuthidae Octopodidae Ocythoidae Opisthoteuthidae Stauroteuthidae Tremoctopodidae

Régions géographiques utilisées dans Bibliographia Geographic Regions Used in Bibliographia

Freshwater Regions - Régions d'eau douce

Newfoundland Prince Edward Island

Nova Scotia New Brunswick Quebec Lake Champlain

Ontario

St. Lawrence Great Lakes Manitoba Saskatchewan Alberta British Columbia Northwest Territories

Yukon Territory

Marine Regions - Régions d'eau salée

Atlantic

Bay of Fundy Nova Scotia

Gulf of St. Lawrence

Newfoundland Labrador

Arctic Hudson Bay

Canadian Árchipelago

Beaufort Sea Bering Sea

Pacific

Aleutian Islands

Alaska British Columbia

Vancouver Island Strait of Georgia

Juan de Fuca Strait Puget Sound



ALLOPOSIDAE

ALLOPOSUS MOLLIS VERRILL 1880

NAMES APPLIED NOMS EMPLOYES ALLOPOSUS MOLLIS VERRILL 1880

MERCER M C 1968 MACALASTER E 1977(MS) STEPHEN'S I 1982(MS)

MARINE REGIONS

ATLANTIC ATLANTIQUE MERCER, M.C. 1968 MACALASTER E 1977(MS) STEPHENS I

DISTRIBUTION REPARTITION

MERCER,M.C. 1968 MACALASTER,E. 1977(MS) STEPHEN S.J. 1982(MS)

ECOLOGY ECOLOGIE MACALASTER J. 1977 (MS)

SYSTEMATICS/SYSTEMATIQUE

STEPHEN'S 1 1982(MS) TAXONOMY TAXINOMIE

MACALASTER, E. 1977(MS) STEPHEN S.J. 1982(MS)

ARCHITEUTHIDAE

1 ARCHITEUTHIS SP

NAMES APPLIED NOMS EMPLOYES

ARCHITEUTHIS DUX. STEENSTRUP 1857.

VERRILLA E 1874A ANON 1964-1965 ALDRICHLEA ALDRICH 1968 MERCER MC 1968 PIPPY J.H.C. ALDRICH 1969 MARTIN, A.W., ALDRICH 1970 LIPINSKI, M 1973 STEPHEN,S J 1982(MS) HOCHBERG,F G 1983

ARCHITECTHIS HARVEYL (KENT 1874)

KENTAWS 1874 VERRILL A E 1879-1880 1882A WHITEAVES I F 1901B FROST N 1934 JOHNSON, CW 1934

ARCHITEUTHIS MONACHUS - STEENSTRUP 1857.

VERRILL VE 1874A . 1875B . 1876 . 1879F

ARCHITECTHIS PRINCEPS VERRILL 1875

VERRILL, A.E. 1875 B., 1879-1880 1879 E., 1882A WINSLOW, F. 1883 WHITEAVES, J.F. 1901 B. FROST,N 1934 JOHNSON,C W 1934

ARCHITET THIS SP HARVEY,M 1874 VERRILL,A E 1880-1881, 1881 1882B FROST,N 1934, 1936B CLARKE, M.R. 1966 ROPER, C.F.F. BOSS 1982 ROPER C.F.E., SWEENEY NAUEN 1984

MARINE REGIONS

> ATLANTIC ATLANTIQUE HARVEY,M 1874 KENT,W v 1874 VERRILL A E 1874A , 1875B. 1876, 1879-1880, 1879t, 1880-1881 1881 1882A, 1882B WINSLOW, F 1883 WHITEAVES, J.F. 1901B FROST N 1934 JOHNSON, CW 1934 FROST N 1936B ANON 1964-1965 CLARKE, M.R. 1966 ALDRICH F.A., ALDRICH 1968 MERCER, M.C. 1968 PIPPY, J.H.C. AL-DRICH 1969 MARTINAW, ALDRICH 1970 LIPINSKIM 1973 ROPER C.F.E. BOSS 1982 STEPHENS I 1982(MS) HOCHBERG F G 1983 ROPER C F F SWEENEY NAUEN

BIBLIOGRAPHY BIBLIOGRAPHIE

HOCHBERG F.G. 1983

DISTRIBUTION REPARTITION

VERRILLA E 1879E, 1880-1881 WINSLOW F 1883 WHITEAVES, J.F. 1901B FROST, N. 1934 JOHNSON C W 1934 FROST, N 1936B CLARKE M R 1966 MERCER, M C 1968 ROPER, C.F.E., BOSS 1982 STEPHEN, S.J. 1982(MS) ROPER, C.F.E. SWEENEY NAUEN 1984 ECOLOGY ECOLOGIE

CLARKE M R 1966 PIPPY I H C. ALDRICH 1969 LIPINSKI M 1973 ROPER C F E. BOSS

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WINSLOW,F 1883 ANON 1964-1965 ROPER,C.F.E., SWEENEY, NAUEN 1984

MORPHOLOGY MORPHOLOGIE

HARVEY,M 1874 KENT,W 5 1874 VERRILL, A E 1874A , 1875B 1876 1879-1880 , 1880-1881 , 1881, 1882A, 1882B WINSLOWF 1883 FROST,N 1934, 1936B MARTIN,A.W., ALDRICH 1970 ROPER C.F.E. BOSS 1982

PATHOLOGY, PATHOLOGIE

LIPINSKI,M 1973 HOCHBERG,FG 1983

PHYSIOLOGY, PHYSIOLOGIE

ALDRICH, FA. ALDRICH 1968 ROPER, C.F.E., BOSS 1982

SYSTEMATICS/SYSTEMATIQUE

VERRILLA E 1875B, 1879-1880, 1880-1881, 1882A FROSTN 1934 CLARKEMR 1966 STE-PHEN.S J. 1982(MS) ROPER, C.F.E., SWEENEY, NAUEN. 1984. TAXONOMY, TAXINOMIE

KENT,W 5 1874 VERRILL,A E 1875B, 1879-1880, 1880-1881 FROST,N 1934 CLARKF,M R

1966 STEPHEN'S I 1982(MS) ROPER'C F.E. SWEENEY, NAUEN 1984

ARGONAUTIDAE

ARGONAUTA ARGO I INNAEUS 1758

NAMES APPLIED NOMS EMPLOYES ARGONAL TA ARGO. LINNAEUS 1756

MACALANTER, E 1977(MS) STEPHEN, ST 1982(MS)

MARINE REGIONS

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SYSTEMATICS/SYSTEMATIQUE

STEPHEN S I 1982(MS) LAXONOMY LAXINOMIE

MACALASTER, E. 1977(MS) STEPHEN, S. J. 1982(MS)

BOLITAENIDAE

JAPETELLA DIAPHANA HOYLE 1885

NAMES APPLIED NOMS EMPLOYES JAPETELLA DIAPHANA HOYLE 1885 NESIS,K N. 1973B

MARINE REGIONS

PACIFIC PACIFIQUE NESIS K N 1973B

DISTRIBUTION REPARTITION NESIS K N. 1973B

JAPETELLA HEATHI (BERRY 1911)

NAMES APPLIED, NOMS EMPLOYES JAPETELLA HEATHI (BERRY 1911) MERCER M C. 1968

MARINE RECTONS

PACIFIC PACIFIQUE MERCER,MC 1968 DISTRIBLTION REPARTITION MLRCER M.C. 1968

BRACHIOTEUTHIDAE

² BRACHIOTEUTHIS BEANII VERRILL 1881

NAMES APPLIED, NOMS EMPLOYES BRACHIOTEUTHIS BEANT VERRILL 1881 AS BRACHIOTEUTHIS BEANT MERCER M C 1968

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BRACHIOTEUTHIS RIISEI (STEENSTRUP 1882)

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CLARKE,M R 1966 VAN DER SPOELS, HEYMAN 1983

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CLARKE,M R 1966 VAN DER SPOELS, HEYMAN 1983

ECOLOGY, ECOLOGIE

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TAXONOMY/TAXINOMIE STEPHEN,S 1 1982(MS)

CHIROTEUTHIDAE

CHIROTEUTHIS CALYX YOUNG 1972

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CHIROTEUTHIS LACERTOSA (VERRILL 1881)

NAMES APPLIED/NOMS EMPLOYES (HIROTEUTHIS LACERTOSA (VERRILL 1881)

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ENOPLOTEUTHIDAE

ABRALIOPSIS FELIS MCGOWAN & OKUTANI 1968

NAMES APPLIED NOMS EMPLOYES

ABRALIOPSIS FELIS - MCCGOWAN & OKE FANT 1968

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ABRALIOPSIS FELIS MCGOWAN & OKUTANI 1968 - Cont'd.

MARINE REGIONS

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ABRALIOPSIS PFEFFERI JOUBIN 1896

NAMES APPLIED NOMS EMPLOYES ABRALIOPSIS PEFFFERT TOUBIN 1896

MACALANTER E 1977(MS) STEPHENS I 1982(MS)

MARINE REGIONS

ATLANTIC ATLANTIQUE. MACALASTER E. 1977(MS). STEPHEN'S I. 1982(MS).

DISTRIBUTION REPARTITION MACALASTER E. 1977(MS) STEPHEN'S I. 1982(MS)

ECOLOGY ECOLOGIE MACALASTER, E. 1977 (MS) SYSTEMATICS SYSTEMATIQUE

TAXONOMY TAXINOMIE

MACALASTER E. 1977(MS) - STEPHEN'S I. 1982(MS)

ABRALIOPSIS SP

NAMES APPLIED/NOMS EMPLOYES

ABRALIOPSIS SP BERNARD F R 1980

MARINE

REGIONS PACIFIC PACIFIQUE BERNARD,FR 1980

DISTRIBUTION REPARTITION

BERNARD FR 1980

ANCISTROCHEIRUS LESUEURI (ORBIGNY 1839)

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MARINE

ATLANTIC ATLANTIQUE MERCER M.C. 1968 STEPHEN, S.J. 1982(MS)

DISTRIBUTION REPARTITION

MERCER M C 1968 STEPHEN S J 1982(MS)

SYSTEMATICS, SYSTEMATIQUE STEPHEN,S J 1982(MS)

STEPHEN S I 1982(MS)

ENOPLOTEUTHIS ANAPSIS ROPER 1964

NAMES APPLIED NOMS EMPLOYES ENOPLOTEUTHIS ANAPSIS ROPER 1964

STEPHEN,S J 1982(MS)

MARINE REGIONS

ATLANTIC ATLANTIQUE STEPHEN S J 1982(MS)

DISTRIBUTION, REPARTITION

STEPHEN S 1 1982(M5) SYSTEMATICS SYSTEMATIQUE

STEPHEN ST. 1982(MS) TAXONOMY LAXINOMIE

STEPHEN,S 1 1982(MS)

PTERAGIOTEUTHIS GEMMATA CHUN 1908

NAMES APPLIED NOMS EMPLOYES

PTERYGIOTEUTHIS GEMMALA, CHUN 1908

MARINA REGIONS

DISTRIBUTION REPARTITION MACASTER E 1977(MS).

ECOLOGY ECOLOGIE

MACALASTER E. 1977(MS)

MACALASTER E 1977(MS)

PTERYGIOTEUTHIS GIARDI. FISCHER 1896

NAMES APPLIED, NOMS EMPLOYES PTERYGIOTEUTHIS GIARDI. FISCHER 18%

ROPER CEE, SWIENLY NALEN 1981.

MARINE REGIONS

ATLANTIC ATLANTIQUE. ROPER C.F.E. SWEENEY NAUEN 1984

DISTRIBUTION REPARTITION ROPER CEL SWEENLY NAMEN 1984

FISHERIES, PECHERIES

ROPER C.E.E. SWEENEY NAUEN 1984. SYSTEMATICS/SYSTEMATIQUE

ROPER C.F. E., SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIE

ROPER, C.F.E., SWELNEY NAUEN 1984

PYROTEUTHIS MARGARITIFERA (RUPPELL 1844)

NAMES APPLIED/NOMS EMPLOYES PYROTEUTHIS MARGARITHERA (RUPPELL 1844)

MERCER M.C. 1968 STEPHENS I 1982(MS)

MARINE REGIONS

ATLANTIC/A FLAN FIQUE MERCER, M.C. 1968 STEPHEN, S. J. 1982(MS)

DISTRIBUTION/REPARTITION MERCER,M.C. 1968 STEPHEN,S.J. 1982(MS)

SYSTEMATICS/SYSTEMATIOLE STEPHEN,S J 1982(MS)

STEPHEN, ST 1982(MS)

CONATIDAE

BERRYTEUTHIS ANONYCHUS (PEARCY & G.L. VOSS 1963)

NAMES APPLIED/NOMS EMPLOYES

BERRY TEUTHIS ANONYCHUS (PEARCY & G L VOSS 1963)

NESIS, K. N. 1973A., 1973B. WILSON, J. R. GORHAM. 1982A. ROPER, C. F. E., SWEENEY, NAUEN

BERRY TEUTHIS ANONYCHUS (PEARCY & G.L. VOSS 1963) AS BERY TEUTHIS ANONYCHUS VERMIEER & WESTRHEIM 1983

GONATUS ANONYCHUS (PEARCY & G L VOSS 1963)

MERCER,M.C. 1968 BERNARD, F.R. 1970A VERMEER, K. 1979

MARINE

REGIONS

PACIFIC PACIFIQUE MERCER,M.C. 1968 BERNARD, F.R. 1970A NESIS, K.N. 1973A. 1973B VERMEER K 1979 WILSON, JR. GORHAM 1982A VERMEER K, WESTRHEIM 1983 ROP-

FR.C.F.E., SWELNEY, NAUEN 1984 DISTRIBUTION/REPARTITION

MERCER M.C. 1968 BERNARD, F.R. 1970A NESIS, K.N. 1973A., 1973B WILSON, J.R. GORHAM 1982A ROPER, C.F.F., SWEENEY, NAUEN 1984

ECOLOGY/ECOLOGIE VERMIEER K. 1979 VERMIER K. WESTRHEIM 1983

BERRYTEUTHIS ANONYCHUS (PEARCY & G.L.VOSS 1963) - Cont'd.

FISHERIES/PECHERIES

WILSON JR, GORHAM 1982A ROPER CFE SWEENEY NAUEN 1984

SYSTEMATICS/SYSTEMATIQUE

NESIS K N 1973A. ROPER, C.F.E. SWEENEY NAUEN 1984 TAXONOMY/TAXINOMIE

NESIS K.N. 1973A. ROPER, C.F.F., SWELNEY NAUEN 1984 TECHNIQUES

WILSON LR. GORHAM 1982A

BERRYTEUTHIS MAGISTER (BERRY 1913)

NAMES APPLIED/NOMS EMPLOYES

1978 BOLLEHLLER J. 1984

BERRYTEUTHIS MAGISTER (BERRY 1913)

YOUNG, RE 1972 NESIS, K. N. 1973A., 1973B. BERNARD, F. 1980. COONEY, R. T. 1981. HARRY, G. Y. HARTLEY, 1981. FOWLER, C. W. 1982. WILSON, J. R., GORHAM. 1982A. ROPER, C. F. E., SWEENEY, NAUEN. 1984. JAMIESON, C. S., FRANCIS. 1986. JEFFLENTS, K. 1986.

GONATY MAGATER BERRY [913]
BERRYS S 1913 PIERGE, SPALDING ET AL. 1961/MS) [962/MS) ARIMUNIKIN II 1964
SPALDING D J 1964 MERCERMIC 1968 BERNARD FR 1970A BIGGM, MACASAHE
972AMN) 1972BMSN KARTAA FORBESTER 1974 ANTIHLAG 1974A COONNY R T

MARINE.

REGIONS

ARCTIC ARCTIQUE NESIS K N 1973A COONEY, R T 1978, 1981 HARRY, G Y HARTLEY 1981 FOWLER, C W 1982

PACIFIC PACTICUE. BERRYS S. 1913. PIREG G. SPALDING, ET AL. 1961(MS). 1962(MS).
AIMUSHMINI, 11961. SPALDING, D. 1964. HERCREAU C. 1968. BERNARDE, PE 1970A.
BIGG, M. MACASKIE, 1972AMSI, 1972BMS). YOUNG RE 1972. NESS, N. 1977A, 1973B
KABATAZ, FORREYER 1974. SMITH AG 1974A. BERNARDE R 1986. FOWLER (W. 1982. WILSON, JR., GORHAM. 1982A. BOUTILLIER, 1984. ROPERC FE, SWEEN!).
NAL N. 1984. JAMILSON, G.S., FRANCIS 1986. [EFFERTS, 1986.

BEHAVIOUR/COMPORTEMENT BERNARD, FR 1980

DISTRIBUTION/REPARTITION

ARIMUSHAIN 1 1961 MERCER, M.C. 1968 BERNARD, F.R. 1970A. YOUNG, R.E. 1972 NE-NS, A. N. 1973A, 1973B SMITH, A.G. 1974A COONEY, R.T. 1978 BERNARD, F.R. 1980 COONEY, R.T. 1981 WILLOW, J.R., GORHAM 1982A BOUTHLIER, J. 1984 ROPER, C.F.E., SWELNEY NAUEN. 1984 IAMIESON, G.S. FRANCIS. 1986 IEFFERTS, K. 1986.

ECOLOGY/ECOLOGIE

PIKE.G. S.PALDING, ET AL 1961/INS), 1962/INS) AKIMI.SHKIN,1 1965 SPALDING,D.J. 1964 BIGGAN, MAC'SSILE 1972/ALNSI, 1972/BINSI KABATAZ, F.ORREFTER 1974 COONEY.R.T. 1978 HARRY.G.Y., HARRLEY 1981 FOWLER,C.W. 1982 JAMIENON,G.S., FRANCIS 1986 _ IEFFER.FX,K. 1986

FISHERIES/PECHERIES

WILSON, J. R., GORHAM 1982A ROPER, C.F.E. SWEENLY, NAUEN 1984 JAMIESON, G.S., FRANCIN 1986 - JEFFERTS, K. 1986

MORPHOLOGY/MORPHOLOGIE

BERRY,S S 1913 BERNARD,F R 1980

SYSTEMATICS/SYSTEMATIQUE
ARIMI SHRIN FL. 1963 - NESIS R N. 1973A - ROPE

AKIMUSHKIN, FI 1963 NESIS, K.N. 1973A ROPER C.F.F., SWEENEY, NAUEN 1984 FAXONOMY/TAXINOMIE

BERRY'S 1013 AKINUSHKIN, II 1963 NESIS, KN 1973A SMITH, A G 1974A ROP-ER CFE, SWEENFY, NAUEN 1984 TECHNIQUES

WILSON I R . GORHAM 1982A | IEFFERTS K 1986

BERRYTEUTHIS SP.

NAMES APPLIED NOMS EMPLOYES GONATUS SP

FIELDS WG , GAULEY 1971

MARINE REGIONS

PACIFIC/PACIFIQUE FIELDS,WG, GAULEY 1971 SYSTEMATICS/SYSTEMATIQUE FIELDS,WG, GAULEY 1971

GONATOPSIS ROBEALIS SASAKI 1923

NAMES APPLIED/NOMS EMPLOYES

GONATOPIN BORLALIS. SANAKI 1923 MERCERAR, C. 1988 BERNARD,F. R. 1970A. NESIS,K. N. 1973A, 1973B. HARRY,G.Y. HART-LEY 1981 FOWLER,C.W. 1982 WILSON,J.R., GORHAM 1982A. ROPER,C.F.E., SWEENEY, NAUEN 1984 | JANIESON,G.S. FRANCIS 1986. | IEHERITS,K. 1986.

MARINE

REGIONS
ARCTIC/ARCTIQUE. NESIS,K N. 1973A., 1973B. HARRY,G Y., HARTLEY, 1981. FOWLER,C W.

PACIFIC, PACIFIQUE MERGER, M.C. 1968. BERNARD, F.R. 1970A. NESIS, K.N. 1973A, 1973B. WILSON, J.R., GORHAM, 1982A. ROPER C.F.E., SWEENEY, NAUEN 1984. JAMJESON, C.S.

FRANCIS 1986 JEFFERTS, K 1986 DISTRIBUTION/REPARTITION

MERCER, M.C. 1968 BERNARD, F.R. 1970A. NESIS, K.N. 1973A., 1973B. WILSON, J.R., GORHAM. 1982A. ROPER, C.F.E., SWEENEY, NAUEN 1984. JAMIESON, G.S., FRANCIS. 1986. IEFFERTS, K. 1986.

ECOLOGY ECOLOGIE

HARRY, GY, HARTLEY 1981 FOWLER, CW 1982 JAMIESON, GS, FRANCIS 1986 JEF-FER FS, K 1986

FISHERIES/PECHERIES

WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986 JEFFER IS, K. 1986 SYSTEMATICOUS.

NESIS,K N 1973A ROPER,C F E , SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIE

NESIS, K.N. 1973A ROPER, C.F.E., SWEENEY, NAUEN 1984 TECHNICOLES

ECHNIQUES

WILSON, J.R., GORHAM 1982A JEFFER FS, K 1986

GONATOPSIS MAKKO OKUTANI & NEMOTO 1964

NAMES APPLIED/NOMS EMPLOYES

GONATOPNIS MAKKO OKU PANI & NEMOTO 1964 NESIS,K N. 1973A 1973B ROPER,C F.E., SWEENEY, NAUEN 1984

MARINE

ARCTIC/ARCTIQUE NESIS K N 1973B

PACIFIC/PACIFIQUE NESIS, K. N. 1973A., 1973B ROPER, C.F.E., SWEENEY, NAUEN 1984 DISTRIBUTION/REPARTITION

NESIS,K N 1973A , 1973B ROPER,C F E SWEENEY, NAUEN 1984 FISHERIES/PECHERIES

ROPER, C.F.E., SWEENEY NAUEN 1984

SYSTEMATICS/SYSTEMATIQUE

NESIS,K N 1973A ROPER,C F E , SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIE NESIS,K N 1973A ROPER,C F E , SWEENEY, NAUEN 1984

GONATOPSIS OCTOPEDATA SASAKI 1920

NAMES APPLIED/NOMS EMPLOYES

GONATOPSIS OCTOPEDATA SASAKI 1920 AS GONATOPSIS OCTOPEDATUS NESIS, K. N. 1973A., 1973B

MARINE

ARCTIC/ARCTIQUE NESIS,K N 1973B PACIFIC/PACIFIQUE NESIS,K N 1973A , 1973B

DISTRIBUTION REPARTITION NESISK N 1973A , 1973B

SYSTEMATICS/SYSTEMATIQUE NESIS, K. N. 1973A

TAXONOMY/TAXINOMIE

GONATOPSIS SP

NAMES APPLIED, NOMS EMPLOYES

PIKE, G.C., MACASKIE, CRAIG 1965(MS) TAKEUCHI, I 1972 COONEY, R.T. 1978, 1981

GONATOPSIS SP - Contid

A LADINE REGIONS

ARCTIC ARCUIOUE TAKEUCHLI 1972 COONEY R T 1978 1981 PACIFIC PACIFICULE PIKE, G.C. MACASKIE, CRAIG 1965(MS) 1 AND CHLI 1972 DISTRIBUTION REPARTITION TAKEUCHI I 1972 COONEY, R.T. 1978 . 1981

ECOLOGY ECOLOGIE

PIKE, G.C., MACASKIE, CRAIG 1965(MS) TAKEUCHI I 1972 COONEY R.T. 1978

GONATUS BERRYL NAEF 1923

NAMES APPLIED NONS EMPLOYES GONATUS BERRYT, NAEE 1923 NESIS K N. 1973B.

MARINE REGIONS

ARCTIC ARCLIOUE. NESISKN 1973B PACIFIC PACIFIQUE. NESISK N. 1973B. DISTRIBLTION REPARTITION

NESIS K N. 1973B

GONATUS FABRICII (LICHTENSTEIN 1818)

NAMES APPLIED/ NOMS EMPLOYES

GONATUS FABRICIL (LICHTENSTEIN 1818) VERRILL A E 1880-1881 . 1882A BERRY S S 1912 ANON 1932 FRANCE GMCI. 1932 FROST, N., THOMPSON, 1932, 1933, 1934. IQHNSON, C.W. 1934. TUCK L.M. SQUIRES, 1955. MACGINITIEN 1959 LAMBERT DG 1960 TUCK LM 1960 BARRACI OLGH WE HER LINVEAUX 1961(MS) AKIMUSHKIN I I 1963 CLARKE M R 1966 MERCER M C 1968 BERNARD FR 1970A NESIS KN 1971 YOUNG RE 1972 MACALANTER F 1977 (MS) COONEY, R.T. 1978 FRAKER, M.A., ET AL. 1978 MINET, J.P. PERODOU 1978 AMARATUN-GA,T., NEILSON, ET AL 1979 SMITH, T.G., HAMMILL 1980 KRINTENSEN, T.K. 1981 FIN-LEY, K.J., GIBB 1982 KRISTENSEN, T.K. 1982 STEPHEN, S.J. 1982 (MS) GARDNER, G.A., HO-WELL 1983 ROPER C.F.E. SWEENEY, NAUEN 1984

GONATUS FABRICIL (LICHTENSTEIN 1818) AS GONATUS FABRICI.

CORNWALL LE 1928

MARINE REGIONS

ATLANTIC ATLANTIQUE VERRILL, A E 1880-1881, 1882A ANON 1932 FROST.N. THOMP-SON 1932 1933 1934 TOHNSON CW 1934 LAMBERT D.G. 1960 AKIMUSHKIN LT 1963 CLARKE,M R 1966 MERCER M C 1968 NESIS,K N 1971 MACALASTER,E 1977(MS) MI-NET. I.P. PERODOU 1978 AMARATUNGA.T. NEILSON, ET AL 1979 KRINTENSEN, T.K. 1981, 1982 STEPHENS I 1982(MS) GARDNER GA, HOWELL 1983 ROPER CFE, SW-EENEY NAUEN 1984

ARCTIC ARCTIQUE TUCK, LM, SQUIRES 1955 MACGINITIEN 1959 TUCK LM 1960 AKIMUSHKIN H. 1963 NESISK N. 1971 COONEY R.T. 1978 FRAKER M.A. J. L. AL. 1978 SMITH TG . HAMMILL 1980 FINLEY K 1 . GIBB 1982

PACIFIC PACIFICUE BERRY S.S. 1912 CORNWALL LE 1928 FRANCE CMCL 1932 BARRA. CLOUGH, W.E., HERLINVEAUX 1961(MS) AKIMUSHKIN, I.I. 1963 MERCER M.C. 1968 BERNARD F R 1970A YOUNG R E 1972

DEVELOPMENT / DEVELOPPEMENT KRISTENSEN T.K. 1981

DISTRIBUTION, REPARTITION VERRILLA E 1880-1881 BERRY, S S 1912 FRANER, C MCL 1932 FROST N. THOMPSON

1932 . 1933 . 1934 JOHNSON, CW 1934 MACGINITIE, N 1959 AKIMUSHKIN, LT 1963 CLARKE M.R. 1966 MERCER, M.C. 1968 BERNARD, F.R. 1970A NESIS K.N. 1971 YOUNG R E 1972 MACALASTER E 1977 (MS) COONEY R T 1978 KRISTENSEN T K 1981 . 1982 STEPHENS I 1982(MS) GARDNER, GA, HOWELL 1983 ROPER CF E, SWEENEY NAUEN 1984

ECOLOGY ECOLOGIE

CORNWALL JE 1928 FRANER CIMCL 1932 TUCK L.M. SOUTRES 1955 LAMBERT D.G. 1960 TUCK L N 1960 AKIMUSHKIN 1 1 1963 CLARKE M R 1966 NESIS K N 1971 MA-CALASTER, E 1977(MS) COONEY, R T 1978 FRAKER M A, ET AL 1978 MINET, I.P., PERO-DOU 1978 AMARATUNGA,T, NEILSON, ET AL 1979 SMITH,T G, HAMMILL 1980 FIN-LEY.K 1. GIBB 1982

FISHERIES/PECHERIES

ANON 1932 FROST, N. THOMPSON 1932, 1933, 1934 BARRACLOUGH, W.E., HERLIN-VEAUX 1961(MS) ROPER, C.F.E., SWEENEY, NAUEN 1984.

MORPHOLOGY, MORPHOLOGIE

VERRILLA E 1880-1881 . 1882A KRINTENSEN T K 1981 . 1982

SYSTEMATICS SYSTEMATIOUS

VERRILLA E 1880-1881 - 1882A - AKIMUSHKIN LI 1965 - CLARKI M.R. 1966 - KRISTEN SEN,T K 1981 STEPHEN'S L 1982(MS) ROPERCEE, SWILLSEY, NAUEN 1984 FAXONOMY TAXINOMIE

VERRILL, A E 1880-1881 BERRY NY 1912 MACGINITIEN 1959 AKIMI SHKIN, LI 1963 CLARKE M R 1966 MACALASTER, E 1977(MS) KRISTENSEN I K 1981 STEPHEN S I

1982(MS) ROPER, G.F.E. SWIENLY, NAUEN 1984. TECHNIQUES.

KRISTENSEN I K. 1902

GONATUS MIDDENDORFFI KURODERA & OKUTANI 1981

NAMES APPLIED NOMS EMPLOYES

GONATUS MIDDENDORFFI KUBODERA & OKUTANI 1981 ROPER C.F.E., SWEENEY, NAUEN, 1984.

GONATUS MIDDENDORFEE, KUBODERA & OKUTANLISRI, AS GONATUS MIDDENDORTI HATCH S A 1983

MARINE

REGIONS

PACIFIC PACIFIOUE HATCH, SA 1983 ROPER CF E. SWEENLY, NAUEN 1984 DISTRIBUTION, REPARTITION

ROPERT E E SWEENEY NAMEN 1983

ECOLOGY ECOLOGIE HATCH,S A 1983

FISHERIES PECHERIES

ROPER CLE SWEENEY NALLS 1984 SYSTEMATICS SYSTEMATIOUT

ROPER C.F.F., SWEENLY, NAUEN 1984

TAXONOMY/TAXINOMIE ROPER C.F.E., SWEENEY, NAUEN 1984

GONATUS ONYX YOUNG 1972

NAMES APPLIED NOMS EMPLOYES NESIS K N 1973B

MARINE REGIONS

ARCTIC ARCTIQUE NESIS, K N 1973B PACIFIC PACIFIQUE NESIS, K N 1973B DISTRIBUTION/REPARTITION NESIS.K N 1973B

GONATUS PYROS YOUNG 1972

NAMES APPLIED, NOMS EMPLOYES GONATUS PYROS YOUNG 1972 NESISKN 1973B

MARINE

RECTORS ARCTIC, ARCTIQUE NESIS, K N 1973B

DISTRIBUTION/REPARTITION

NESIS K N 1973B

GONATUS STEENSTRUPI KRISTENSEN 1981

NAMES APPLIED, NOMS EMPLOYES GONATUS STEENSTRUPL KRISTENSEN 1981

KRISTENSEN, FK 1981 STEPHEN, S J 1982 (MS) ROPER, C F E, SWEENEY, NAUEN 1984

MARINE REGIONS

ATLANTIC ATLANTIQUE KRISTENSEN,T K 1981 STEPHEN,S J 1982(MS) ROPER,C F 1.

SWEENLY, NAUEN 1984

DEVELOPMENT/DEVELOPPEMENT KRISTENSEN TK 1981

DISTRIBUTION/REPARTITION KRISTENSEN,T K. 1981 STEPHEN,S I. 1982(MS) ROPER,C F.E., SWEENEY, NAUEN. 1984 FISHERIES PECHERIES

ROPER, C.F.E., SWEENEY, NAUEN 1984.

16 GONATIDAE

GONATUS STEENSTRUPI KRISTENSEN 1981 - Cont'd

MORPHOLOGY/MORPHOLOGIE KRISTENSEN I K. 1981 SANTEMATICS SYSTEMATIQUE KRISTENSEN I K. 1981 - STEPHEN, S.J. 1982 (MS) - ROPER C.F.E. SWEENEY, NAUEN 1984 IAXONOMY TAXINOMIE

KRISTENSEN I K. 1981 - STEPHEN S. I. 1982 (MS) - ROPER C.E.E. SWEENEY NAUEN 1984

GONATUS TINRO NESIS 1972

NAMES APPLIED NOMS EMPLOYES GONATUS TINRO NESIS 1972

MARINE

REGIONS ARCTIC ARCTIQUE NESIS,K N 1973B PACIFIC PACIFIQUE NESIS, K.N. 1973A., 1973B DISTRIBUTION REPARTITION NESIS K.N. 1973A 1973B

GONATUS URSABRUNAE JEFFERTS 1985

NAMES APPLIED NOMS EMPLOYES GONATUS URSABRUNAE - TEFFER IS 1985 TEFFER US.K. 1985

REGIONS

MARINE PACIFIC PACIFIOUE. JEFFERTS K 1985 DISTRIBUTION REPARTITION JELFERTS K 1985 MORPHOLOGY MORPHOLOGIE JETFERTS K 1985 SYNTEMATICS/SYSTEMATIQUE JEFFERTS K. 1985 TAXONOMY TAXINOMIE IFFFFRTS K 1985

GONATUS SP

NAMES APPLIED NOMS EMPLOYES GONAPLS SP NESIS, K. N. 1973B. WILSON, I. R., GORHAM. 1982A. CHUMAKOV, A. K., PODRAZHANSKAYA. GONATUS SP. AS GONATUS OF EARRICH. AKIMUSHKIN, LI 1963 YOUNG, R.E. 1972 HOUHBERG F.G. 1974 REGIONS ATLANTIC ATLANTIQUE CHUMAKOV A K., PODRAZHANSKAYA 1986 ARCTIC ARCTIQUE NESIS, K.N. 1973B PACIFIC PACIFIQUE AKIMUSHKIN, LL 1963 YOUNG, R.E. 1972 NESIS, K.N. 1973B HOCH-BERG, F.G. 1974 WILSON, J.R., GORHAM 1982A DISTRIBUTION REPARTITION AKIMUSHKIN I I 1963 YOUNG R E 1972 NESIS K N 1973B WILSON LR GORHAM

1982 \

FCOLOGY ECOLOGIE

AKIMUSHKIN.1 I 1963 CHUMAKOV A K. PODRAZHANSKAYA 1986

FISHERIES, PECHERIES WILSON, J.R., GORHAM 1982A SYSTEMATICS, SYSTEMATIQUE

AKIMUSHKIN, LL 1963 HOCHBERG F G 1974

TAXONOMY TAXINOMIE AKIMUSHKIN LI 1963 NESIS K N 1973B TECHNIQUES

WILSON, IR. GORHAM 1982A

GONATIDAE GENUS INCERTUM

GONATUS SP

NAMES APPLIED/NOMS EMPLOYES

LARKIN-PA RICKER 1964 BARRAC LOUGHLW E. HERLINVEAUX 1965(MS) PINEG C MACASKIE CRAIG 1965(MS) COONEYRT 1981 HARRY.GY, HARTLEY 1981 FOW-LER.C W 1982

MARINE REGIONS

ARCHIC ARCHIQUE COONLY R T 1981 HARRY, G Y , HARTLEY 1981

PACIFIC PACIFIQUE LARKIN PA., RICKER 1964 BARRACLOUGH, W.E., HERLINVEAUX 1965(MS) PIKE G.G., MACASKIE, CRAIG, 1965(MS) FOWLER, C.W. 1982 DISTRIBUTION REPARTITION

BARRACLOUGH, W.E., HERLINA EAUX 1965(MS) COONTA, R.T. 1981

ECOLOGY, ECOLOGIE

LARKIN, P.A., RICKER 1964 PIKE, G.C., MACASKIL CRAIG 1965(MS) HARRY, G.Y., HART-LEV 1981 FOWLER C.W. 1982

HISTIOTEUTHIDAE

HISTIOTEUTHIS BONNELLII (FERUSSAC 1835)

NAMES APPLIED, NOMS EMPLOYES HISTIOTEL THIS BONNELLIL (LERI SSAC 1835).

JOHNSON C W 1934 CLARKE, M R 1966 VOSS N A 1969 STEPHEN, S J 1982 (MS) VAN DER SPOELS, HEYMAN 1983 ROPER C.F.E., SWEENEY NAUEN 1984

HIS LIGITED THIS BONNELLIL (FERUSSAC 1835) AS HIS LIGITED THIS BONNELLIANA PERFFER C. 1917

HISTIOTEL THIS COLLINSIT VERRILL 1879

VERRILL A E 1879-1880 , 1879L

MARINE REGIONS

ATLANTIC ATLANTIQUE VERRILLA E 1879-1880 , 1879E PFEFFER, G 1912 JOHNSON, C W 1934 CLARKE MR 1966 VOSS, NA 1969 STEPHEN, ST 1982(MS) VAN DER SPOELS HEYMAN 1983 ROPER, C. F. E., SWEENEY, NAUEN 1984

DISTRIBUTION REPARTITION

VERRILL, A E 1879E PEELFER, G 1912 JOHNSON, CW 1934 CLARKE, MR 1966 VOSS N.A. 1969 STEPHEN S.T. 1982(MS) VAN DER SPOELS HEYMAN 1983 ROPER C.F.E. SWEENLY, NAUEN 1984

ECOLOGY ECOLOGIE

CLARKE MR 1966 FISHERIES/PECHERIES

ROPER C.F. E., SWEENEY, NAUEN 1984 MORPHOLOGY MORPHOLOGIE

VERRILL A E 1879-1880 PEFFFER (* 1912) SYSTEMATICS, SYSTEMATIQUE

VERRILL A E 1879-1880 PFEFFER, G 1912 CLARKEM K 1966 STEPHEN, S J 1982(MN)

ROPER C.F. E., SWEENEY, NAUEN 1984. TAXONOMY TAXINOMIE

VERRILLA E 1879-1880 PELFFER G 1912 CLARKE MR 1966 VOSS, NA 1969 STE-PHEN.5 I 1982(MS) ROPER CFE, SWEENLY NAUEN 1984

HISTIOTEUTHIS DOFLEINI (PFEFFER 1912)

NAMES APPLIED/NOMS EMPLOYES

HISTIOTEL THIS DOFLEINI (PEEFFER 1912)

BERNARD, FR 1970A STEPHEN, S I 1982(MS) WILSON, IR., GORHAM 1982A

MARINE REGIONS

ATLANTIC ATLANTIQUE STEPHEN, S J 1982(MS)

PACIFIC PACIFIQUE BERNARD, FR 1970A WILSON, J. R., GORHAM 1982A DISTRIBUTION/REPARTITION

BERNARD, FR 1970A STEPHEN, S. J. 1982(MS) WILSON, J. R., GORHAM 1982A

FISHERIES PECHERIES WILSON J R GORHAM 1982A

SYSTEMATICS/SYSTEMATIQUE STEPHEN'S I 1982(MS) TAXONOMY TAXINOMIE

STEPHEN,S J 1982(MS) TECHNIQUES

WILSON, LR., GORHAM, 1982A

HISTIOTEUTHIS ELONGATA IN A MOSS & G. L. MOSS 1962)

NAMES APPLIED NOMS EMPLOYES. HISTIOTEL TRIS FLONGATA. (N.A.VOSS & G.L.VOSS 1962) STEPHEN S. I. 1982(MS) MARINE REGIONS ATLANTIC ATLANTIQUE STEPHEN,S J 1982(MS) DISTRIBUTION REPARTITION STUPHEN STATES MIS SYSTEMATICS SYSTEMATIOUS STEPHEN'S L 1982(MS)

HISTIOTEL THIS REVERSA (VERRILL 1880)

TAXONOMY TAXINOMIE

NAMES APPLIED, NOMS EMPLOYES CALLEFUTIUS REVERSA, A FRRILL 1880. MINLIOTEL THIS REVERNA (VERRILL 1880) MARINE REGIONS ATLANTIC ATLANTIQUE VOSS NA. VOSS 1962 MACALASTER E 1977(MS) STEPHENN I DISTRIBUTION REPARTITION

MACALASTER F. 1977(MS) STEPHEN S I. 1982(MS) ECOLOGY ECOLOGIE A OSS N.A., MOSS, 1962. MACALASTER E. 1977(MS).

STEPHEN'S L 1982(MS) LANONOMY, TAXINOMIE

VOSS,NA, VOSS 1962 - MACALASTER F. 1977(MS) - STEPHEN ST. 1982 MS

LEPIDOTEUTHIDAE

PHOLIDOTEUTHIS ADAMI. G L VOSS 1956

NAMES APPLIED NOMS EMPLOYES STEPHEN;\$ | 1982(MS) MARINE

ATLANTIC ATLANTIQUE STEPHENS J 1982(MS) DISTRIBUTION-REPARTITION STEPHEN'S L 1982(MS) SYSTEMATICS SYSTEMATIQUE

STEPHEN.S 1 1982(MS) STEPHEN'S I 1982(MS)

TETRONY (HOTEUTHIS DUSSUMIERI (D'ORBIGNY 1839)

REFNEIS CLARKE 1963

NAMES APPLIED NOMS EMPLOYES 14 TRONACHOTEL CHIS DUSSUMIERT (D'ORBIGNY 1839) REESELS, CLARKE 1963 MARINE REGIONS ATLANTIC ATLANTIQUE REESETS, CLARKE 1963 DINTRIBUTION REPARTITION REENE LS. CLARKE 1963 LCOLOGY/ECOLOGIE REES, ETS. CLARKE 1963 MORPHOLOGY MORPHOLOGIE REESETS, CLARKE 1963

LOLIGINIDAE

* ALLOTEUTHIS MEDIA (LINNAEUS 1758)

NAMES APPLIED, NOMS LMPLOYES HACKETLE LLAL 1888

MARINE REGIONS

ATLANTIC ATLANTIQUE. HACKETT, E., LT AL 1888. DISTRIBUTION REPARTITION HACKETTE E.F.AL. 1888.

5 LOLIGO FORBEST STEENSTRUP 1856

NAMES APPLIED NOMS EMPLOYES LOUIGO FORBEST STEENSTRUP 1856 FRITMANTIC LL M 1974

MARINE REGIONS

ATLANTIC ATLANTIOUS - FREEMANTIC - F CAL 1974 ECOLOGY ECOLOGIE ERFEMIANTIC . FT AF 1974

LOLIGO OPALESCENS BERRY 1911

NAMES APPLIED NOMS EMPLOYES LOUIGO OPALESCENS BERRA 1911

BURRY SS 1911 1912 TRASER CINCL 1932 CLEMENS WA 1934A PRITCHARD A L. U.S. TER 1944 NORRIS F.R. BENOTE 1945 TRASER CMCL 1946B GRIFFITH L.M. 1954 BARRACTOUGH,W.E. HERLINAFAUX 1961(MS). PIKEG C. SPALDING ET AL. 1961(MS). 1962 MS. - LARKIN P.A. RICKER 1964 - SPALDING D.J. 1964 - BARRAY LOUGHAW E. HER-LINVEAUX 1965[ADS] HOLMBERG D 1967 MILLER, BS 1967 MERCER M C 1968 PAR KLR R R 1968(MS) PREST, J 1968 1969 A, 1969B(MS) BERNARD, FR 1970A SMITH, J F 1970A 1970B(MS) 1971A 1971B(MS) BIGGAL MACASKIE 1972A(MS) 1972B(MS) SMITH, J.E. 1972A., 1972B(MS) - YOUNG, R.E. 1972 - NESIS, K.N. 1973B - SMITH J.E. 1973 VOSS.G.L. 1973 BIGG, M.A. MACASKIE, 1974(MS) HOURBERG, E.G. 1974 MACEAR-LANES A JAMAMOTO 1974 SMITH, A.G. 1974A SMITH, J.E. 1974 BIGG, M.A., MACASKIE 1975/MS) SEATYS G 1975 SMITH LE 1975 SMITH L 1977 MCDANIEL N.G. LEVINGS. LI AL 1978 SMITH, JE 1978, 1979 VERMEER & 1979 BERNARD, FR 1980 BER-NARD F.R. (ED.). 1982 FOWLER C.W. 1982 O'DORR K. 1982 VERMIFER K. WESTRHEIM 1983 CASS, A.J., E.F. AL. 1984 FARGO, J., E.F. AL. 1984 MCFARI ANE, G.A., E.F. AL. 1984 ROPER CEE, SWEENLY NAUEN 1984 SALNDERS MW, ET AL 1984 SHIMEK R.L. ET AL 1984 LARLINGER'S, BATES 1985 JAMIESON, G.S., FRANCIS 1986 JEFFERTS K. 1986

MARINE. REGIONS

PACIFIC PACIFIQUE BERRY, S.S. 1911, 1912 FRASER C.MCL. 1932 CLEMENS, WA. 1934A PRITCHARD A L. TESTER 1944 NORRIS E R BENOTI 1945 FRASER C MCL 1946B GRIFFITHLE M 1954 BARRACLOUGH, W.E., HERLINVEAUX 1961(MS) PIKE, G.C., SPAL-DING LEAL 1961(AIS), 1962(AIS) LARKIN P.A. RICKER 1964 SPALDING D.I. 1964 BAR-RACLOUGH, W.E., HERLINVEAUX 1965(MS) HOLMBERG D. 1967 MILLER B.S. 1967 MER-GER M (1968 PARKER R 1968(MN) PREST, J 1968 A 1969 A A 1969 BERNARD, FR 1970A SMITH, J.E. 1970A., 1970B(MS)., 1971A., 1971B(MS) BIGG, M., MACASKIE. 1972A(MS). 1972B(MS) SMITH LE 1972A 1972B(MS) YOUNG R E 1972 NESIS K N 1973B SMITH J E 1973 VOSS, G L 1973 BIGG M A , MACASKIE 1974 (MS) HOCHBERG, E G 1974 MACEARLANES A. YAMAMOTO 1974 SMITH, A.G. 1974A SMITH, J.E. 1974 BIGG, M.A. MACASKIE 1975(MS) SEALYNG 1975 SMITHJE 1975 SMITHJ 1977 MCDANIELNG. LEVINGS ET AL 1978 SMITH LE 1978 1979 VERMEER K 1979 BERNARD F R 1980

BERNARD, FR (ED.) 1982 FOWLER, C.W. 1982 O'DORRK 1982 VERMFFR K WESTRHEIM 1983 CASS, A.J., ET AL. 1984 FARGO, J., ET AL. 1984 MCFARLANE G.A., L.I. AL 1984 ROPER, C.F.E. SWELNEY, NAUEN 1984 SAUNDERS, M.W., E.T. AL 1984 SHIMEK R L., ET AL. 1984 FARTINGER, S. BATES 1985 JAMIESON, G.S., I RANCIS 1986 1FFFERTS K 1986 LEAMAN J E 1986

BEHAVIOUR COMPORTEMENT

MACEARLANE,S A YAMAMOTO 1974 BERNARD FR 1980 BIOCHEMISTRY BIOCHIMIL

NORRISER BENOTE 1945 DISTRIBUTION REPARTITION

BERRY'S S 1912 FRASER, CMGL 1932 CLEMENS, WA 1934A GRIFFITH, L M 1954 BAR-RACLOUGH, W.E., HERLINVEAUN, 1965 (MS). MERCER, M.C. 1968. BERNARD, F.R. 1970A. YOUNG R F 1972 NESIS K N 1973B - VOSS, G L 1973 - MACTARLANES A . YAMAMOTO

LOLIGO OPALESCENS BERRY 1911 - Cont'd.

 1974
 SMITHAG 1974A
 BERNARD, FR 1980
 CASS, AJ, ET AL 1984
 FARGOJ, ET AL 1984
 FARGOJ, ET AL 1984
 FARGOJ, ET AL 1984
 JAMIESON, GS, FRANCIS 1986
 JEFERTS, K 1986

ECOLOGY/ECOLOGIE

FRASER CMCI. 1932. PRITCHARDAL, TESTER 1944. FRASER CMCI. 1946B PIREG C. VALDING, ET AL. 1946IMS. 1962/MS. SPALDING, ET AL. 1947. PAR. KER, R. 1966/KIS. 1966/M. MACASKII. 1972/MS. VOLSK, L. 1973. BIGGA M. AMGASKIE 1974/MS. MACASKII. 1972/MS. MACASKII. 1974/MS. MACASKII. 1974/MS. SEALY.SG. 1975. MCDANIEL, NO. LEVINGS, ET AL. 1978. VERMIEER, W. 1979. BERNARD, FR. 1989. FOULER CM. 1982. VERMIEER, W. WESTRIFREM. 1987.

MCFARLANE.G.A., ET AL 1984. JAMIESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986 FISHERIES, PECHERIES

BARRACLOUGHLW E. HERLINVEAUN 1961(MS) LUKNIN P.A. RICKER 1964 HOLM. BERG. D 1967 PREST, J 1963, 1960, 1,0960 S. MITTH, E. 1970a, 1,97080KS), 1971. (197180KS), 1972A, 197280KMS), 1973 VOSS-G. I. 1973 MACCEARLANES A. YAMAMOTO 1974 MITTH, J. 1975 S. MITTH, E. 1978, 1975 BERNADLE F. 1978 P. NABDJ-F. K. 1978 F. AMEDS-K. 1978 F. AMED

LIFE HISTORY/CYCLE VITAL BERNARD, F.R. 1980 SHIMEK R.L., ET AL. 1984

MORPHOLOGY MORPHOLOGIE

BERRY,S 5 1911 MACFARLANE,S A, YAMAMOTO 1974 BERNARD,F R 1980
PHYSIOLOGY PHYSIOLOGIE

MACFARLANE,S A., YAMAMOTO 1974 BERNARD,F R. 1980 O'DOR,R K. 1982

SYSTEMATICS/SYSTEMATIQUE HOCHBLRG,FG 1974 ROPER,C FE, SWEENEY, NAUEN 1984

TAXONOMY, TAXINOMIE

BERRY, S. S. 1911, 1912. SMITH, A. G. 1974A. ROPER, C.F.E., SWEENEY, NAUEN 1984 TECHNIQUES VOSS, GL. 1973. BERNARD, F.R. 1980. O'DOR R.K. 1982. IEFFERTS.K. 1986.

LOLIGO PEALEI LESUEUR 1821

NAMES APPLIED/NOMS EMPLOYES

LOLIGO PEALEI LESL EUR 1931

CANDONG WP 1889 BATTLE HI 1933BIMS) BOUSTIELDE L. LEIM 1960 MERCER M.C.
1970B SUMMERS W.C. 1971 UCINSKIS 1973 PAULMIERG 1974AMS) PAULMIERG.
MESNIL 1973MSI BRINKHURS, R.G. LINKLETTER, ET A. 1976 MESNIL 1973 AS.
1983MSI 1973MSI WINKLEY BE CONTROLLET BE STEPHENS J.
1983MSI FROEMSONEN JE CONTROLLET BE STEPHENS J.
1983MSI FROEMSONEN 1975 MS 1874 MS

LOLIGO PEALET LESUEUR 1821 AS LOLIGO PEALETT

DYER W.J. 1952 MERCER.M.C. 1968 MACALASTER E. 1977(MS)

LOLIGO PEALEI LESUEUR 1821 AS LOLIGO PEALI

ELSON, P.F., HOAR 1935(MS) SERGEANT, D.E., FISHER 1957 HALL, R.A., ET AL 1978 LOLIGO PEALEI LESL EUR 1821 #\$5LOLIGO PEALEI HUNTSMAN, M.E. NO. DATE(MS). PROVANCHER, L. 1890A., 1891A STAFFORD, I. 1912D

BAYNE,P.M. 1929(MS) KLUGH,A.B. 1930B PREFONTAINE,G. 1930 STEVENSON,J.A. 1933, 1934A, 1934B, 1931A(MS) BOUNFIELD,E.L. 1952 SQUIRES,H.J. 1957B BOUNFIELD,E.L. LAUBITZ 1972

LOLIGO PEALEI PEALEI LESUEUR 1821 AS LOLIGO PEALEII PEALEII

JOHNSON, CW 1934

MARINE

ATLANTIQUE HUNTMANM E NO DATEMAS GANORG WE 1889 PROVAN.
CHER LI 180A. 1891A. STAFFORD, 1912 BAYNE, PM 1991MS | RULGHA B 1908
PREFONTAINE G 1930 BATTLE, HI 193BIAIS | STEVENSON JA 1933 JOHNSON, CW
1934 STEVENSON JA 1934A, 1934B ELSON, FE 10AR 1940MS]. STEVENSON JA 1934
1951AMS) BOUSFIELD EL 1952 SERGEANT DE TENHER 1957 SQUIREAH J 1957B
BOUSFIELD EL LEMI 1900. MERCERME 1968 1970B SUMMERS WC 1971 BOUS.
FIELD EL LAUBITZ 1972 UCINSKIS 1973 PAULMIER G 1974MS) PAULMIER G MEAN
NIL 1975MS) BRINNINGENSE O, LINNELETTE, ET AL 1976 MACALASTERE 1977(MS)
MESNILB. 1977. HALLRA, ET AL 1978 ARNOLD GF 1979 BROMLEY, JE C 1978
SCARRETTOJ (ED) 1962 STEPHEN SJ 1982(MS) FOREMANYUM 1984/MS)
ERC FE , SWEENEY, NAUEN 1984 COELHOM L 1985 ROWELL, TW 1985 MALLIDAYR G, ET AL 1986

PACIFIC PACIFIQUE DYER,W J 1952

BEHAVIOUR/COMPORTEMENT

STEVENSON, LA 1934A, 1951A(MS) FROERMAN, YU M 1984A(MS)

BIOCHEMISTRY BIOCHIMIE

DYER,W J 1952 HALL,R.A., ET AL. 1978 DEVELOPMENT, DEVELOPPEMENT

SUMMERS,W C 1971. MESNIL,B 1977

DISTRIBUTION/REPARTITION

GANONG, WF 1889 PROVANCHER, LISONA, 1891A STAFFORD, J. 1912D STEVENSON, J. 1913 JOHNSON, CW 1993 STEVENSON, J. 1948 ELSON, PF, HOAR 1933, MISS BOUS-FIELDE, L. 1952 SERGEANT, DE., FISHER 1957. BOUS-FIELDE, L., LEIM 1960 MER. CER, MC 1963, 1969 BOUSFIELDE, L., LAUBITZ 1972. UCINSKIS, 1973 MACGALASTER, E. 1979 MACGALASTER, E. 1979 MACGALASTER, E. 1979 SCARGETT, D.J. (ED.) 1982 STE-PHENS, J. 1982/MSJ ROPER, CF, E., SWENNEY, NAUEN 1984 COELHO, M. L. 1985. RO-WELL, T. W. 1985 HALLIDAY, G., ET AL. 1985.

ECOLOGY/ECOLOGIE

HUNTSMAN,M.E. NO DATE(MS) KLUGILA B. 1930B PREFON FAINE,G. 1930 BATTLE,H.I. 1933BMS) BOUSFIELD,E.L., LEIM. 1960 MACALASTER,E. 1977(MS) ARNOLD,G.P. 1979 FROERMAN,Y.W.M. 1984AMS) COELHO,M.L. 1985

FISHERIES/PECHERIES

GANON...WF. 1899 BAYNE.PM. 19290MS1. UCIDARIS. 1973. PAULMIER.G. 1974IMS1 PAULMIER.G. MESNIL. 1974MS1. HALLE, R. R. F. TAL. 1978. ARNOLD.G.P. 1979. SCAR. RETT.D.J. (ED.) 1982. ROPER.C.F.E., SWEENEY, NAUEN. 1984. ROWELL, TW. 1985. HALLI-DAY.R.G. ET AL. 1986.

LIFE HISTORY/CYCLE VITAL

STEVENSON J.A. 1951A(MS) SUMMERS, W.C. 1971 MESNIL, B. 1977 COELHO, M.L. 1985 ROWELL T.W. 1985

MORPHOLOGY/MORPHOLOGIE

GANONG,W F 1889 SQUIRES,H J 1957B BRINKHURST,RO. LINKLETTER, ET AL 1976 PATHOLOGY, PATHOLOGJE

STEVENSON, A 1933, 1934B, 1951A(MS)

PHYSIOLOGY/PHYSIOLOGIE

STEVENSON JA 1933, 1934B SYSTEMATICS/SYSTEMATIQUE

STEPHEN,S J 1982(MS) ROPER,C F E , SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIL

PROVANCHER, L. 1891A BRINKHURST, R.O., LINKLETTER, ET AL. 1976. MACALASTER, E. 1977(MS) STEPHEN, S.J. 1982(MS) ROPER, C.F.E., SWLENEY, NAUEN. 1984. TECHNIQUES

SUMMERS.W.C. 1971 ROWELL T.W. 1985

LOLIGO SP.

NAMES APPLIED, NOMS EMPLOYES

LOLIGO SP

BARRACLOUGH, W.E. 1967B(MS) PINHORN, A.T., HALLIDAY 1975 JONES, B.C., GEEN 1977 SHAW, W. ET AL. 1985

MARINE

REGIONS

ATLANTIC/ATLANTIQUE PINHORN, AT, HALLIDAY 1975

PACIFIC/PACIFIQUE BARRACLOUGH, WE 1967B(MS) JONES, BC, GEEN 1977 SHAW, W., ET AL 1985

DISTRIBUTION, REPARTITION

SHAW,W, ET AL 1985

ECOLOGY/ECOLOGIE

BARRACLOUGH, W.E. 1967B(MS) JONES, B.C., GEEN 1977. SHAW, W., ET AL. 1985

FISHERIES/PECHERIES

PINHORN A T . HALLIDAY 1975

MASTIGOTEUTHIDAE

MASTIGOTEUTHIS AGASSIZI VERRILL 1881

NAMES APPLIED/NOMS EMPLOYES

MASTIGOTEUTHIS AGASSIZI VERRILL 1881 AS MASTIGOTEUTHIS AGASSIZII MERCER, M C 1968

MARINE REGIONS

ATLANTIC, ATLANTIQUE MERCER, M.C. 1968 DISTRIBUTION/REPARTITION

MFRCER,M C 1968

MASTIGOTEUTHIS CORDIFORMIS CHUN 1908

NAMES APPLIED NOMS EMPLOYES

MANTIGOTEUTHIS CORDIFORMIS CHUN 1908 CLARKE M.R. 1966 STEPHEN S.I. 1982(MS)

MARINE

REGIONS

ATLANTIC ATLANTIQUE CLARKEM'R 1966 STEPHEN'S I 1982(MIS)

DISTRIBUTION REPARTITION CLARKE M R 1966 STEPHEN S J 1982(MS)

ECOLOGY ECOLOGIE

CLARKEALR 1966 SYNTEMATICS SYSTEMATIQUE

CLARKE M R 1966 STEPHEN S I 1982(MS)

CLARKEM R 1966 STEPHEN S I 1982(MS)

MASTIGOTEUTHIS HIORTI CHUN 1913

NAMES APPLIED NOMS EMPLOYES MASTIGOTEUTHIS H JORTI CHUN 1913

STEPHEN S I 1982(MS)

MINDINE

REGIONS ATLANTIC ATLANTIQUE STEPHEN,S | 1982(MS)

DISTRIBUTION, REPARTITION STEPHEN'S I 1982(MS)

SYSTEMATICS, SYSTEMATIQUE

TAXONOMY/TAXINOMIE STEPHEN S I 1982(MS)

OCTOPODIDAE

BATHYPOLYPUS ARCTICUS (PROSCH 1849)

NAMES APPLIED/ NOMS EMPLOYES

BATHYPOLYPUS ARCTICUS (PROSCH 1849) ROBSON,G C 1932 JOHNSON,C W 1934 JEAN,Y 1948 BRUNEL,P 1961H CLARKE, A H. JR. 1962 PREFONTAINE, G. BRUNEL 1962 BRUNEL, P. 1970A SER-GEANT DE 1973 LEDOYER M 1975C BRINKHURST ROLLINKLETTER, ET AL 1976 MACALANTER E 1977(MS) DRAINAILLEG LALANCETTE BRASSARD 1978 MINET LP PERODOU 1978 WACASEY, I.W., ATKINSON, GLASSPOOLE 1979 MACALASTER, E.G. 1981 FINLEY, K. J., GIBB 1982 STEPHEN, S. J. 1982 (MS) LALANCETTE, L.-M. 1984 ROPER C. F. E. SWEENEY, NAUEN 1984

OCTOPUS BAIRDIL VERRILL 1873

VERRILLA E 1873C. 1880-1881 PREFONTAINE G 1933 STEELE D H 1958(MS) CAD-

OCTOPUS BAIRDH VERRILL 1873 AS OCTOPUS BAIRDI

VERRILL, A E 1882A LEDOYER M 1975A., 1975C OCTOPUS GROENLANDICUS STEFNSTRUP 1856

DALL W H 1885B MURDOCH I 1885B OCTOPUS LENTUS VERRILL 1880

VERRILL, A E 1880-1881

MARINE

REGIONS

ATLANTIC/ATLANTIQUE VERRILLA E 1873C . 1880-1881 . 1882A ROBSON G C 1932 PRE-FONTAINE, G 1933 TOHNSON, C.W. 1934 TEAN, Y 1948 STEELE D.H. 1958(MS) BRU-NELP 1961H CLARKE, A H. JR 1962 PREFONTAINE, G. BRUNEL 1962 BRUNEL, P. 1970A CADDY, JF 1970B SERGEANT, DE 1973 LEDOYER, M 1975A, 1975C BRINKHUR-STRO LINKLETTER ET AL 1976 MAGALASTER E 1977 (MS) DRAINVILLE G. LALAN-CETTE, BRASSARD 1978 MINET J.P., PERODOU 1978 MACALASTER, E.G. 1981 STE-PHEN S | 1982(MS) LALANCETTE, L-M 1984 ROPER, C.F.E., SWEENEY, NAUEN 1984 ARCTIC ARCTIQUE DALL, WH 1885B MURDOCH, J 1885B WACASEY, J.W., ATKINSON, GLASSPOOLE 1979 FINLEY, K J., GIBB 1982

DISTRIBUTION REPARTITION VERRILL, A E 1880-1881 DALL, WH 1885B MURDOCH, J 1885B ROBSON, G C 1932 PRE-FONTAINE,G 1933 JOHNSON,C W 1934 JEAN,Y 1948 BRUNEL,P 1961H CLARKE A H. IR. 1962 PREFONTAINE, G. BRUNEL, 1962 BRUNEL, P. 1970A. CADDY, I.F. 1970B MACALASTER, E 1977(MS) DRAINVILLE, G., LALANCETTE, BRASSARD 1978 WA-CASEY, J.W., ATKINSON, GLASSPOOLE 1979 MACALASTER, E.G. 1981 STEPHEN, S.J.

1982(MS) ROPER CEE, SWEENEY, NAUEN 1984

ECOLOGY ECOLOGIE

JEAN Y 1948 - STEELLI, D.H. 1958(MS) - SERGEANT, D.E. 1973 - LEDOYER, M. 1975A, 1975C MACALANTER E 1977(MS) DRAINVILLE, G., LALANCETTE BRASSARD 1978 MINET LP PERODOU 1978 WACASEY, I.W. ATKINSON, GLASSPOOLE 1979 MACALASTER E.G. 1981 FINLEY, K.J. GIBB 1982 LALANCE PTE, U.-M. 1984

EISHERIES PECHERIES ROPER C.E.E., SWELNEY, NAUEN, 1984

LIFE HISTORY CYCLE VITAL

MACALASTER F.G. 1981

MORPHOLOGY/MORPHOLOGIE

VERRILLA E 1873 C. 1880-1881 1882 A. ROBSON G. C. 1932 JEAN Y. 1948 BRINGHUR. SLRO LINKLETTER ET AL 1976

SYSTEMATICS SYSTEMATIQUE VERRILLA E 1880-1881 - 1882A - ROBSON G.C. 1932 - STEPHEN S.L. 1982(MS) - ROPER C.F. F.

SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIE

VERBILL A E 1873C 1880-1881 - ROBSON G C 1932 - BRUNEL P 1970A - LUDGINER MC 1975A BRINKHURS LRO, LINKI FUTER, FLAL 1976 MACALASTER F 1977(MS) STE-PHENN | 1982(MS) ROPER, C.F.1 SWEENEY NAUEN 1984

BENTHOCTOPUS HOKKAIDENSIS (BERRY 1921)

NAMES APPLIED NOMS EMPLOYES

BENTHOCTOPUS HORKAIDENSIS (BERRY 1921) MACGINITIEN 1959 SPARKSAK PEREYRA 1966

MARINE

REGIONS

ARCTIC ARCHIQUE MACGINITIEN 1959 SPARKS, AK, PEREYRA 1966 DISTRIBUTION/REPARTITION

MACGINITIE, N. 1959 SPARKS, A.K., PEREYRA, 1966 TAXONOMY, TAXINOMIE

MAGGINITIEN 1959

BENTHOCTOPUS HONGKONGENSIS (HOYLE 1885)

NAMES APPLIED, NOMS EMPLOYES

OCTOPUS HONGKONGENSIS (HOYLE 1885)

EYERDAM W I 1961

POLYPUS HONGKONGENSIS HOYLE 1885

BERRY S 5 1912 FRASER C MCL 1932 NORRIS E R BENOIT 1945 GRIFFI HILL M 1954 FORRESTER C.R. KETCHEN 1963

MARINE.

REGIONS

PACIFIC/PACIFIQUE BERRY, S.S. 1912 FRASER, C.M.CL. 1932 NORRIS, E.R., BENOIT 1945 GRIFFITH, L.M. 1954 EYERDAM, W. J. 1961 FORRESTER, C.R., KETCHEN 1963 BIOCHEMISTRY, BIOCHIMIE

NORRISE R. BENOIT 1945

DISTRIBUTION/REPARTITION

BERRY'S S 1912 FRANER, C.M.C.L. 1932 GRIFFITH, L.M. 1954. EYERDAM, W. J. 1961. ECOLOGY/ECOLOGIE

FRASER,C MCL 1932 FISHERIES/PECHERIES

FORRESTER C.R. KETCHEN 1963 TAXONOMY/TAXINOMIE

BERRY,S S 1912

BENTHOCTOPUS PISCATORUM (VERRILL 1879)

NAMES APPLIED/NOMS EMPLOYES

BENTHOCTOPUS PISCATORUM (VERRILL 1879) ROBSON,G.C. 1932 ALDRICH, F.A., LU. 1968A STEPHEN,S.I. 1982(MS)

OCTOPUS PISCATORUM VERRILL 1879

VERRILL.A E 1880-1881 JOHNSON, C W 1934

MARINE REGIONS

ATLANTIC/ATLANTIQUE VERRILLA E 1880-1881 ROBSON G C 1932 JOHNSON C W 1934 ALDRICH.F.A., LU 1968A STEPHEN, S. I. 1982(MS)

20 OCTOPODIDAE

BENTHOCTOPUS PISCATORUM (VERRII L. 1879) - Cont'd

DISTRIBUTION REPARTITION

VERRILLA E 1880-1881 ROBSON G C 1932 JOHNSON CW 1934 ALDRICH, LA A. LU-

MORPHOLOGY/MORPHOLOGIE

VERRILL A F. 1880-1881 | ROBSON, G.C. 1932 | ALDRICH, E.V. LU. 1968A SYSTEMATICS/SYSTEMATIQUE

A LRRILL A E. 1880-1881 ROBSON G C. 1932 STEPHEN S I. 1982 (MS)

VERRILL & E. 1880-1881 | ROBSON G C. 1932 | STEPHEN S J. 1982(MS)

GRANELEDONE VERRUGOSA (VERRILI 1881)

NAMES APPLIED NOMS EMPLOYES GRANT LEDONE A FRRUCOSA (A FRRII L 1881) STI PHEN S I 1982(MS)

MARINE

REGIONS

DISTRIBUTION REPARTITION

STI PHEN, S J. 1982(MS) TAXONOMY TAXINOMIE

OCTOPUS DEFILIPPI VERANY 1851

NAMES APPLIED NOMS EMPLOYES OUTOPUS DEFILIPPE. VERANY DIST

MARINE

DISTRIBUTION REPARTITION STIPHEN S I 1982(MS)

SYNTEMATICS SYNTEMATIQUE STIPHEN S J 1982, MS) TAXONOMY/TAXINOMIE

OCTOPUS DOFLEINE (WULKER 1910)

NAMES APPLIED NOMS EMPLOYES

OCTOPUS APOLLYON (BERRY 1912) SCHEFFER V B 1959 HOLMBERG D 1967 PREST, 1 1968, 1969A 1969B(MS) SMITH, J.E. 1970A , 1970B(MS) , 1971A , 1971B(MS) , 1972A , 1972B(MS) , 1973 , 1974 , 1975

OCTOPUS DOFFEINT (WUTKER 1910)

CLEMENS WA 1934A PICKFORD G F 1964 MERCER M C 1968 BERNARD F R 1970A QUAYLE, D.B. 1972 MCDANIEL N.G. 1973 VOSS, G.L. 1973 HOCHBERG, F.G. 1974 BELLL M. KALLMAN 1976A HIGH W.L. 1976 SEBEUNK P. LANKO 9" BERNARD F.R. 1978 BREEN, P.A. ADKINS, HERITAGE 1978 HARTWICK, B., L.I. M. 1978 HARTWICK E.B. THORARINSSON 1978 HARTWICK, E.B. TULLOCH MACDONALD 1981 WILSON J.R., GORHAM 1982B HARTWICKEB, AMBROSE ROBINSON 1984A, 1984B ROPERC F.E., SW-FENEY, NAUEN 1984 JAMIESON G.S., FRANCIS 1986 JEFFER IS K. 1986

OCTOPUS DOFLEINT (WULKER 1910) AS OCTOPUS DOLFFINI

FARLINGER S. BATES 1985

OCTOPUS DOFLETNI APOLLYON (BERRY 1912)

PICKFORD G E. 1964

OCTOPUS DOFLEINI MARTINI - PICKFORD 1964 MARTINA W ALDRICH 1970 GABEN H 1978 KYTEMA, COURTNEY 1977 MANN, TW. ET AL 1977 HARTWICK & BREEN, TULLOCH 1978

OCTOPUS GILBLE FLANUS (BERRY 1912)

ROBSON, G.C. 1929 AKIMUSHKIN LL 1963 PICKFORD G.E. 1964

DUTOPUS PUNCTATUS GABB 1862

CARPENTER P.P. 1864A DALL W.H. 1873 TAYLOR, G.W. 1895B. ICTOPES PUNCTATUS. GARB 1862. AS OCTOPUS PUNCTATA

EYERDAMAY J. 1961 PAROCTOPUS APOLLA ON BERRY 1912

LARKIN, PA, RICKER 1964 POLYPUS GILBERTIANUS BERRY 1912 BERRY 5 S 1912

MARINE

REGIONS PACIFIC PACIFIOUE CARPINTER.P.P. 1864A DALL.W.H. 1873 TAYLOR.G.W. 1895B BER-RY,S S 1912 ROBSON G C 1929 - CLEMENS W A 1934A - SCHIFFFER,V B 1959 - EYER-DAMAY J. 1961 - AKIMU SHKIN, I. J. 1963 - LARKIN, P.A., RICKER, 1964 - PICKFORD, G.E. 1964 HOLMBERG, D 1967 MERCER, M.C. 1968 PREST J 1968 1969A, 1969B(MS) BERNARD, F.R. 1970A MARTINA W. ALDRICH 1970 SMITH, J.E. 1970A, 1970B(MS), 1971A, 1971B(MS) OU VELL D B 1972 SMITH, LE 1972A. 1972B(MS) MCDANIEL N G 1973 SMITH, LE 1973 VOSS G I 1973 HOCHBERG, EG 1974 SMITH JE 1974 GABES H 1975 SMITH JE 1975 BLILL M. KALLMAN 1976A. THIGH W.L. 1976. KYTE,M.A., COURENEY 19 MANN LW, ET AL, 1977 SEBFUSK P. LAAKSO 1977 BERNARDER 1978 BREEN PA ADKINS HERITAGE 1978 HARTWICK B. ET AL. 1978 HARTWICK E.B., BREEN, TULLOCH 1978 HARTWICK E.B. THORARINSSON 1978 HARTWICK F.B., TULLOCH MACDONALD 1981 WILSON J.R. GORHAM 1982B HARTWICK, L.B., AMBROSE, ROBINSON 1984A 1984B ROPER C.F.E. SWILLIFY, NAUEN 1984 FARLINGER'S BATES 1985 JAMIE-SON G S. FRANCIS 1986 JEFFER IS, K. 1986

BEHAVIOUR COMPORTEMENT

HIGHWI, 1976. KYLEMA, COURTNEY 1977. HARTWICK B. ET AL. 1978. HARTW-JUNE B. TULLOCH MACDONALD 1981 HARTWICKE B. AMBRONE ROBINSON 1984A.

BIOCHEMISTRY BIOCHIMIL

MANN, F.W., F.F. AL. 197 DEVELOPMENT, DEVELOPPEMENT

HARTWICK, E.B., TULLOCH, MACDONALD 1981

DISTRIBUTION REPARTITION

CARPENTER P.P. 1864A DALLAW H. 1873 LAYLOR, G.W. 1895B BERRY S.S. 1912 ROB-SONG C 1929 CLEMENS WA 1934A SCHEFFER V B 1959 EVERDAM W I 1961 AKI-MUSHKIN LI 1963 PICKFORD, G.F. 1964 MERCER M.C. 1968 BERNARD, F.R. 1970A VOSS,G L 1973 BELL L M KALLMAN 1976A SEBFUSK P, LAAKSO 1977 BERNARD LR 1978 WILSON, I.R., GORHAM 1982B ROPER C.F.E., SWEENEY NAUEN 1984 JAMIE-SON.G.S. FRANCIS 1986 - IEFFERTS.K. 1986

ECOLOGY/ECOLOGIE

TAYLOR, G.W. 1895B. AKIMUSHKIN LL 1963. MCDANIEL, N.G. 1973. VOSS, G.L. 1973. BELL, LM KALLMAN 1976A HIGH W.L. 1976 BERNARD, F.R. 1978 BREEN, P.A. ADKINS HERITAGE 1978 HARTWICK E.B., PHORARINSSON 1978 JAMIESON, G.S., FRANCIS 1986 ILFFERTS,K 1986

LISHERIES PECHERIES

LARKIN P.A., RICKER 1964 HOLMBLRG D 1967 PREST J 1968 , 1969A , 1969B(MS) SMITH I I. 1970A 1970B(NIS) , 1971A 1971B(NIS) 1972A , 1972B(NIS) , 1973 VOSS, G. L. 1973 SMITH LE 1974, 1975 HIGH W.E. 1926 HARTWICK E.B., BRIEN, TULLOCH 1978 WIL-SON FR. GORHAM 1982B. ROPER C.F.E. SWEENEY, NAUEN 1984. FARLINGER'S, BATES 1985 JAMILSON, G.S., FRANCIS 1986 JEFFER IS, K. 1986

MORPHOLOGY, MORPHOLOGIE DALL W.H. 1873 BERRY S.S. 1912 ROBSON G.C. 1929 PRCKFORD, G.E. 1964 MAR-TIN A W., ALDRICH 1970

PHYSIOLOGY, PHYSIOLOGIE

GARES H. 1975 SYSTEMATICS SYSTEMATIQUE

ROBSON G.C. 1929. AKIMUNHKIN I.I. 1963. PICKFORD G.E. 1964. HOCHBERG F.G. 1974. ROPER, C.F.E., SWEFNEY, NAUEN 1984

FAXONOMY/TAXINOMIE BERRY'S 1912 ROBSON G.C. 1929 AKIMU SHKIN, I.I. 1963 PICKFORD, G.E. 1964 ROP-LR C.E.E., SWEENEY, NAUEN 1984.

QUAYLE,D B 1972 VOSS,G L 1973 WILSON, J.R., GORHANI 1982B JEFFERTS,K 1986

OCTOPUS FITCHI BERRY 1953

NAMES APPLIED NOMS EMPLOYES OCTOPUS EFFECHT BERRY 1953

OCTOPUS FITCHT BURRY 1953 AS OCTOPUS FITCHIT

WILSON J. R., GORHAM 1982B

MARINE REGIONS

PACIFIC PACIFIQUE VOSS,G-L 1973 WILSON,J-R GORHAM 1982B

DISTRIBUTION REPARTITION VOSS,G L 1973 WILSON, LR GORHAM 1982B

ECOLOGY ECOLOGIE

FISHERIES/PECHERIES

VOSS G L 1973 WILSON, LR., GORHAM 1982B TECHNIQUES

VOSS,G L 1973 WILSON, LR. GORHAM 1982B

OCTOPUS LEIODERMA (BERRY 1911)

NAMES APPLIED/NOMS EMPLOYES

OCTOPUS LEIODERMA (BERRY 1911)

ROBSON, G.C. 1929 AKIMUSHKIN, J. 1. 1963 MERCER M.C. 1968 HOCHBERG, F.G. 1974 MCDANIEL N.G., LEVINGS, ET AL 1978 JAMIESON, G.S. FRANCIS 1986

POLYPLS LEIODERMA BERRY 1911 BERRY,5 S 1911, 1912 SMITH A G 1974A

MARINE

REGIONS

PACIFIC PACIFIQUE BERRY, S.S. 1911., 1912 ROBSON, G.C. 1929 AKIMUSHKIN 1.I. 1963 MERCER M.C. 1968 HOCHBERG F. G. 1974 SMITH A.G. 1974A MCDANIEL N.G. LEVINGS FT AL 1978 JAMIESON G S FRANCIS 1986

DISTRIBUTION REPARTITION

BERRY S.S. 1912 ROBSON, G.C. 1929 AKIMU SHKIN LL 1963 MERCER M.C. 1968

FLOTORY ECOLORIE

AKIMUSHKIN LL 1963 MCDANJELING , LEVINGS, ET AL 1978 JAMJESON G S , FRANCIS

1986 FISHERIES PECHERIES

JAMHESON G.S., ERANGIS 1986

MORPHOLOGY/MORPHOLOGIE

BERRY S S 1911 ROBSON G C 1929 SYSTEMATICS SYSTEMATIQUE

ROBSON,G C. 1929 AKIMUSHKIN,I I. 1963 HOCHBERG F.G. 1974

TAXONOMY, TAXINOMIE

BERRY 5 S. 1911 - 1912 ROBSON G.C. 1929 AKIMU SHKIN LL 1963 SMITTH A.G. 1974A

OCTOPUS RUBESCENS BERRY 1953

NAMES APPLIED, NOMS EMPLOYES OCTOPUS RUBESCENS BERRY 1953

LAMIESON G.S. FRANCIS 1986

MARINE

PACIFIC PACIFIQUE JAMIESON, GS, FRANCIS 1986

DISTRIBUTION/REPARTITION TAMIESON G S. FRANCIS 1986

ECOLOGY, ECOLOGIE

TAMIESON G.S. FRANCIS 1986

HISHERIES PECHERIES JAMIESON G S , FRANCIS 1986

OCTOPUS VULGARIS CUVIER 1797

NAMES APPLIED/NOMS EMPLOYES

OCTOPUS VULGARIS CUVIER 1797

STEPHEN'S I 1982(MS) WILSON, IR. GORHAM 1982B

MARINE.

REGIONS

ATLANTIC ATLANTIQUE STEPHEN,S J 1982(MS)
PACIFIC PACIFIQUE WILSON, J R , GORHAM 1982B

DISTRIBUTION REPARTITION

STEPHEN,S J. 1982(MS) WILSON, J.R., GORHAM 1982B

FISHERIES/PECHERIES

WILSON JR , GORHAM 1982B SYSTEMATICS, SYSTEMATIQUE

TAXONOMY/TAXINOMIE

STEPHEN.S I 1982(MS)

TECHNIQUES

WILSON, J.R., GORHAM 1982B

OCTOPUS SP

NAMES APPLIED/ NOMS EMPLOYES

OCTOPUS SP

QUAYLE D B 1961B(MS) HOCHBERG, F.G 1974 JONES, BC, GEEN 1977 STEPHEN, S I

1982(MS)

MARINE

REGIONS

ATLANTIC ATLANTIQUE STEPHENS L 1982(MS)

PACIFIC PACIFIOUS OUAYLED B 1961B(MS) HOCHBERG F G 1974 IONES B C G L S

DISTRIBUTION REPARTITION

ECOLOGY/LCOLOGIF

JONES B.C. GEEN 1977

FISHERIES, PECHERIES OU VALLED B. 1961B(MS)

SYSTEMATICS SYSTEMATIQUE

HOCHBERG, F.G. 1974 STEPHEN, S.J. 1982(MS)

TAXONOMY TAXINOMIL STEPHEN S.I. 1982(MS).

OCTOPOTEUTHIDAE

OCTOPOTEUTHIS DELETRON YOUNG 1972

NAMES APPLIED NOMS EMPLOYES

OCTOPOLEUTHIS DELETRON YOUNG 1972 NESISK N. 1973B

MARINE. REGIONS

PACIFIC, PACIFIQUE. NESIS K.N. 1973B.

DISTRIBUTION REPARTITION

NESISA N. 1973B

OCTOPOTEUTHIS SICULA RUPPELL 1844

NAMES APPLIED NOMS EMPLOYES

OUTOPOTEL THIS SICULA. RUPPELL 1844.

CLARKE,M R 1966 MERCER,M G 1968 BERN ARD,F R 1970A

MARINE

REGIONS

ATLANTIC ATLANTIQUE CLARKLM R 1966 MERCER M C 1968

PACIFIC PACIFIQUE MERCER, M.C. 1968 BERNARD, F.R. 1970A

DISTRIBUTION, REPARTITION

CLARKE M.R. 1966 MERCER M.C. 1968 BERNARD F.R. 1970A

ECOLOGY/ECOLOGIE

CLARKE M.R. 1966

SYSTEMATICS, SYSTEMATIQUE

CLARKE M R 1966

TAXONOMY, TAXINOMIE

CLARKE,MR 1966

OCTOPOTEUTHIS SP.

NAMES APPLIED NOMS EMPLOYES

OCTOPO FEL THIS SP STEPHEN S 1 1982(MS)

MARINE REGIONS

ATLANTIC/ATLANTIQUE STEPHEN 5 1 1982(MS)

DISTRIBUTION/REPARTITION

STEPHEN,S [1982(MS)

SYSTEMATICS/SYSTEMATIQUE

STEPHEN S 1 1982(MS)

TAXONOMY/TAXINOMIE

STEPHEN,S J 1982(M5)

22 OCTOPOTEUTHIDAE

TANINGIA DANAE TOUBIN 1931

MERCER M.C. 1968

NAMES APPLIED NOMS EMPLOYES TANINGIA DANAE JOUBIN 1931 MERCER,M.C. 1968

MARINE REGIONS ALEANTIC ATLANTIQUE MERCER M.C. 1968 DISTRIBUTION REPARTITION

OCYTHOIDAE

OCYTHOF TUBERCULATA RAFINESQUE 1814

NAMES APPLIED NOMS EMPLOYES OCYTHOL TUBERCULATA RAFINESQUE 1814 STEPHENS J. 1982(MS)

MARINE RELIGION VELANTIC ATEANTIQUE MEPHENS J 1982(MS) STEPHENS J 1985/MS STEPHENS J 1985/MS TAMERICK STEPHENS J 1985/MS TAMERICK STEPHENS J 1985/MS STEPHENS J 1985/MS

OMMASTREPHIDAE

6 ILLEX COINDETII (VERANY 1839)

NAMES APPLIED NOMS EMPLOYES ILLEN ILLEGEROSUS COINDETTI (VERANY 1839) 45 ILLEN ILLEGEBROSUS COINDETI SERGLANTIGE FISHER 1957

MARINE REGIONS ATLANTIC ATLANTIQUE SERGEANT, D.E., FISHER 1957 DISTRIBUTION REPARTITION SERGEANT, D.E., FISHER 1957

ILLEX ILLECEBROSUS (LESUEUR 1821)

NAMES APPLIED, NOMS EMPLOYES

ILLEX ILLECEBROSUS (LESUEUR 1821) WHILL WES, IT 1901B DALL, WH 1926 FROST N THOMPSON 1934 VLADYNOV V D HOMANN 1936(MS) HOMANN, R.E.S. 1937A(MS) HOMANN, R.E.S., NEEDLER 1946 ANON 1951B STEVENSON, JA 1951A(MS) ANON 1952C RONAYNE, M 1955 TEMPLEMAN, W., FLEMING 1956 SERGEANT DE, FISHER 195" SQUIRES, H.J. 1957B ANON 1958D, 1959A, 1959E SQUIRES.H.J. 1959 BRUNEL, P. 1961H TIBBOSN, ET AL 1961 CLARKE, A.H. JR. 1962 PREFONT VINE, G., BRUNEL 1962 SERGEANT, DE 1962 ALDRICH, F.A. 1964(MS) HODDER, V M 1964 WILLIAMSON G R 1964 ACKMAN R G , SIPOS 1965 JANGA ARD, P M . ACKMAN 1965 WILLIAMSON GR 1965 CLARKE MR 1966 SNELGROVE C E 1966 (MS) SOURES, H J 1966C STALLWORTHY, W B , FENSON 1966 TEMPLEMAN, W 1966A AL-DRIGH FA , LU 1968C MERGER, M.C. 1968 , 1969 ROPFR, C.F.E., LU, MANGOLD 1969 BRUNEL P 1970A MARTIN, A.W., ALDRICH 1970 MERGER, N.C. 1970C BRADBURY, H.E. 1971 BRADBURY, H.E., ALDRICH 1971 THRELFALL, W. ET AL. 1971 IUTAIEWICZL, ET AL 1973 LIPINSKI,M 1973 MERCER M C 1973A , 1973B(MS) , 1973C(MS) , 1973D(MS) RATHIEN.W.F. 1973 SUDA.A. 1973 UCINSKIS 1973 VOSS.G.I. 1973 MERCER.M.C. 1974(MS) MERCER, M.C., PAULMIER 1974 PAULMIER, G. 1974(MS) FFANOVA M. PUZHAKOV 1975(MS) ICHIKAWA,W SATO 1975 MERCER M.C. 1975 PAULMIER,G MESNIE 1975(MS) ROWE, VI., MANGOLD 1975 BRINKHURST, RO, LINKLETTER, ET AL 1976 FROLRMAN YU M 1976(MS) ICHIKAWA W SATO 1976 PINHORN A T (ED) 1976 TAURON, J 1976 (MS) HARE, G M 1977 MACALASTER, E 1977 (MS) MESNIL B 1977 O DOR, R K., DURWARD, BALCH 1977 AMARATUNGA, F., DURWARD, ET AL. 1978(MS) AMARATUNGA,T., ROBERGE, WOOD, 1978A., 1978B(MS)., 1978C(MS)., 1978D(MS). BEN-NETT, BA 1978 COLLINS, PW. ENNIS 1978 (MS) DURWARD, R.D., AMARATUNGA, O'DOR 1978 ENNIS, G.P. 1978 HALL, R.A., ET AL. 1978 HIRTLE, R.W. M. 1978 LIPINSKI, N.I. 1978A(M5), 1978B(M5) MARLA, TERRE, DOMINGUEZ 1978(MS) MERDNOY,B 1978 MI-

NELLJ P PERODOU 1978 NASH,D 1978 NASH,D M , E F AL 1978 O'DOR R K 1978 PALMER B.W., O.DOR. 1978 ROWE, L. 1978 SCOTT J.S. 1978 STEADMAN, D.B. 1978 WAL-DRON,D 1978 WALDRON,D E 1978(MS) WALDRON,D E, GRAY 1978(MS) AMARATI N. GA,T., DURWARD 1979(MS) AMARATUNGA,T., ET AL. 1979(MS) AMARATUNGA,T., MC-QUINN 1979(MS) AMARATUNGA,T, NEILSON, ET AL. 1979 ARNOLD,G P. 1979 BOT-TAJ R. EFAL 1979 BOULVA, J. MCLAREN 1979 BROWN R.G.B. BARKER, GASKIN 1979 CADDY J F 1979(MS) CAMPBELL A 1979 CLAY D 1979 DUPOUY H 1979(MS) DUR-WARD, R.D., AMARATUNGA, O'DOR 1979 DURWARD, R.D., VESSEY, ET AL. 1979(MS) EN-NIS, G.P., COLLINS 1979 FROERMAN, YUM 1979 (MS) GEDULDIG D. ROEKMAN 1979 HURLEY, G. V., BECK, 1979 A., 1979B(MS) HURLEY, G. V., BECK, DREW, 1979(MS) HUR. LEY, G.V., BECK, ET AL 1979(MS) HURLEY, G.V., MOHN 1979(MS) HURLEY, G.V., WAL-DRON 1979(MS) KAWAHARAS 1979(MS) KE,P L, FIERHELLER, ET AL 1979 KE,P L. WOYEWODA, FIERHELLER 1979 LETACONNOUX,R 1979(MS) LIPINSKI,M 1979(MS) MARIA, VALDES DOMINGUEZ 1979(MS) NAGALT, KAWAHARA 1979(MS) O'DOR, RK DURWARD 1979 O'DORRK DURWARD, ET AL 1979(MS) SATO, T 1979(MS) VINOGRA-DOV,V L, NOSKOV 1979 WALDRON D.E. 1979A(MS), 1979B(MS), 1979C(MS) AMARA FUN-GA,T 1980A(MS), 1980B(MS) AMARATUNGA,T, ROWELL, ROBERGE 1980(MS) BECK,P.C., ET AL 1980(MS) DAWE, E.G., BECK 1980(MS) DUPOUY, H., POULARD 1980(MS) DUR-WARD, R.D., VESSEY, ET AL. 1980(MS) FEDULOV, P.P. FROERMAN 1980(MS) FROER-MAN,YU M. 1980(MS) HATANAKA,H., SATO 1980(MS) HURLEY,G V. 1980A., 1980B(MS) HURLEY, G. V., BECK. 1980(MS) HURLEY, G. V., DAWE. 1980(MS) KOELLER, P.A. 1980(MS) LIPINSKI,M 1980(MS) MARIA DOMINGUEZ 1980(MS) MAXIM,C 1980A(MS), 1980B(MS) MERCER, M.C., ET AL. 1980 MINET J.P. DUPOUY 1980(MS) NAGALT, UOZUMI 1980(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1980 O'DOR, R.K., DUR-WARD, ET AL 1980 O'DOR, R.K., VESSEY, AMARATUNGA 1980(MS) RIKHTER, V.A., GRINKOV, TUROK 1980(MS) ROBERGE,M., AMARATUNGA 1980(MS) WALDRON,D.E. SIN CLAIR 1980(MS) YOUNG, I M 1980(MS) AMARATUNGA, T 1981A, 1981B(MS), 1981C(MS) 1981D(MS) AMARATUNGA,T, BUDDEN 1981(MS) AMARATUNGA,T, ROBERGE 1981(MS) BECK P.C., ET AL. 1981(MS) BROWN, R.G.B., BARKER, E.F.AL. 1981 DAWELLO. 1981A. 1981B DAWE, E.G. BECK E.F. AL. 1981 DAWE E.G., DREW 1981 DAWE, E.G., HUR-LEY 1981(MS) DAWE E.G., LILLY, MOORES 1981(MS) DUPOUY,H 1981(MS) DUPOUY,H. DERIBLE 1981(MS) FEDULOV, P.P., AMARATUNGA 1981(MS) FROERMAN, YU.M. FEDULOV, ET AL. 1981(MS) FROERMAN, YU.M., SHEVCHENKO, AMARATUNGA. 1981(MS) GRINKOV, YU.S., RIKHTER 1981(MS) HAJANAKA, H. 1981A(MS), 1981B(MS) HIRTLER W.M., ET AL. 1981 JAMJESON G.S., ET AL. 1981 KOFLLER P.A. LEGRESLEY 1981 MOHN, RK 1981(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1981 RIKHTER, VA, TUROK, GRINKOV 1981(MS) ROMERO, MCL, AMARATUNGA 1981(MS) WALLACE, I.C., ET AL. 1981. AMARATUNGA, T. 1982(MS). AMARATUNGA, T. BUDDEN 1982(MS) AMARATUNGA,T., YOUNG, ROBERGE, 1982(MS) BECK,P.C., ET AL. 1982(MS) COELHO M.L., AMARATUNGA, DUPOUY, 1982A(MS) 1982B(MS) DUPOUY,H 1982(MS) DUPOUY, H. ET AL. 1982(MS) DUPOUY, H. MINET. 1982A(MS), 1982B(MS) HATANAKA, H. 1982(MS) KONOVALOV, E.I. NIGMATULLIN 1982(MS) LEMON D., RYCROFT 1982 MOHN, R.K. 1982 NAGALT, KAWAHARA 1982(MS) NORTHWEST ATLANTIC FISHER IFS ORGANIZATION 1982 O'DOR, R.K., BALCH, AMARATUNGA 1982(MS) O'DOR, R.K., BALCH ET AL 1982 RIKHTER, VA. TUROK, GRINKOV 1982(MS) SAMEOTO D 1982 SCAR. RETT, D.J. (EU.) 1982 SIVAK J.G. 1982 STEPHEN, S.J. 1982 (MS) TEMPLEMAN, W. 1982 THRELFALL,W 1982 WILSON, J.R., GORHAM 1982A AMARATUNGA, T 1983 BECK, P.C., ET AL 1983(MS) BOLETSKY,S V. HANLON 1983 BROWN, B.E. HALLIDAY 1983 CAD-DY, FF 1983 DAWE, E.G., LILLY, DREW 1983(MS) DUPOUY, H. 1983(MS) DUPOUY, H., DE-RIBLE 1983(MS) HOCHBERG, F.G. 1983 HURLEY, G.V., ODENSE, ET AL. 1983(MS) JONES, G. M., O'DOR 1983 KAWAHARA, S. 1983 (MS) KE, P. J., CERVANTES, ET AL. 1983 NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1983 O'DORR K 1983 RADTKE R L 1983 RATHJEN,W F 1983 RIMITER,V A. GRINKOV, TUROK 1983(MS) ROWELL,T W. BUDDEN 1983(MS) TRITES, RW 1983 VOSS, G L 1983 WALDRON D E 1983(MS) WORMS, J 1983 BURAKOSK), R N , ET AL 1984(MS) COELHO, M L , ROSENBERG 1984 DAWE, E.G., MERCER, THRELFALL 1984 DEMONT, M.E., O'DOR, 1984 DREW, H.J., ET AL. 1984(MS) FEDULOV, P.P., ET AL 1984(MS) FROERMAN, YU.M. 1984A(MS), 1984B(MS) FROERMAN, YU. M., DUBININA 1984(MS). LILLY, G.R., OSBOURNE 1984(MS) MATHER, LA O'DOR 1984 NIGMATULLIN, CHM, ET AL 1984(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1984 POULARD JC, ET AL 1984(MS) ROPER, C.F.E., SWEENEY, NAUEN 1984 ROWELL,TW, BUDDEN 1984(MS) ROWELL,TW, YOUNG 1984(MS) SAMEOTO D.D. 1984 COELHO,M L 1985 COELHO,M L, MALLET, O'DOR 1985 DAWE, E.G., O'DOR, E.T. AL 1985 DREW,H J. ET AL 1985(MS) HATANAKA,H 1985(MS) HATANAKA,H , KAWA-HARA, ET AL. 1985 HATANAKA, H., LANGE, AMARATUNGA. 1985 MORRIS, C.C., ALDRICH 1985 NICHOLS, O'DOR 1985 O'DOR R.K., BALCH 1985 O'DOR, R.K., BALCH, FOY, HELM 1985 PAULY,D 1985 ROWELL,T W 1985 ROWELL,T W , BUDDEN 1985(MS) RO-WELL, T.W., TRITES 1985 ROWELL, T.W., YOUNG, ET AL. 1985A(MS), 1985B WEBBER D.M. O'DOR 1985 BECK, P.C., ET AL 1986(MS) HALLIDAY, R.G., ET AL 1986 ROWELL, T.W. SCATTOLON 1986(MS) ROWELL TW, YOUNG 1986(MS) ILLEX ILLECT BROSUS (LESUEUR 1821) AS ILLEX ILBECERROSIS

QUIGLEY J.J. 1964
ILLEY ILLECEBRONS
(LENUEUR 1821) AS ILLEX ILLECEBRONA

ANON 1932 FROST,N., THOMPSON 1932, 1933 CORBEIL,H-E. 1954B ILLEN ILLECEBROSUS (LESUEUR 1821) AS ILLEN ILLECEBROSUS STAFFORD, 1 912B, 1912C (1912D DETWELLER, JD 1915

HALEX HALECEBROSUS (LESUEUR 1821) - Cont'd.

ILLEX ILLECEBROSUS (LESUEUR 1821) AS ILLEX ILLICEBROSUS IOHANSEN,F 1926B

ILLEX ILLECEBROSUS ILLECEBROSUS (LESUEUR 1821)

PFEFFER,G 1912. MERCER,M C 1965(MS) WOODLAND,B 1966B ANON 1967A SOUIRES, H | 1967A. ALDRICH, F.A., LU 1968C. BROWN, E L., THRELFALL 1968A., 1968B. BRADBURY.H.E. ALDRICH 1969A, 1969B MANGOLD K. ET AL. 1969

LOLIGO ILLECEBROSUS LESUEUR 1821 AS LOLIGO ILLECEBROSA DAWSON, I W 1858A WHITEAVES LE 1869A

OMMASTREPHES ILLECEBROSUS (LESUEUR 1821) VERRILL, A E 1882A BUSH, K I 1883 PACKARD, A S 1891 LEIM, A H 1926 CORBEIL H - F

OMMASTREPHES ILLECEBROSUS (LESUEUR 1821) AS OMMASTREPHES ILLECEBRASUS TREMBLAY, J -L. 1948A

OMMASTREPHES ILLEGEBROSUS (LESUEUR 1821) AS OMMASTREPHES ILLEGEBROSA VERRILL, A.E. 1873A VERRILL, A.E., ET AL. 1873 DALL, W.H. 1879C VERRILL, A.E. 1880-1881 WINSLOW,F 1883. BAIRD,S F 1889 GANONG,W F 1889 PROVANCHER L

1890A SCHMITTJ 1904 OMMASTREPHES ILLECEBROSUS (LESUEUR 1821) AS OMMATOS FREPHES ILLECEBROSA PROVANCHER, L. 1891A. AMI, H. M. 1900. HALKETT, A. 1907. DE CHAMPLAIN, A. 1925. ATLANTIC: ATLANTIQUE: DAWSON J W 1858A WHITEAVES, J F 1869A. VERRILL, A.E.

LOW,F 1883 BAIRD,S F 1889 GANONG,W F 1889 PROVANCHER,L 1890A PACK-

1873A. VERRILLA E. ET AL 1873. VERRILLA E 1880-1881, 1882A BUSH, K J 1883 WINS-

REGIONS

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1980B(MS) MINET, I.P., DUPOUY 1980(MS) NAGALT, UOZUMI 1980(MS) NORTHWEST ATLANTIC FISHERIES ORGANIZATION. 1980 RIKHTER, VA, GRINKOV, TUROK 1980(MS) ROBERGE,M., AMARATUNGA 1980(MS) WALDRON,D.E., SINCLAIR 1980(MS) YOUNG.J.M. 1980(MS) AMARATUNGA,T 1981A, 1981C(MS), 1981D(MS) AMARATUNGA,T, BUDDEN 1981(MS) AMARATUNGA, T., ROBERGE 1981(MS) BECK, P.C., ET AL 1981(MS) DAWE, E.G. 1981A DAWE, E.G., BECK, ET AL 1981 DAWE, E.G., HURLEY 1981(MS) DAWE, E.G., LILLY, MOORES 1981(MS) DUPOUY,H 1981(MS) DUPOUY,H, DERIBLE, 1981(MS) FEDULOV, P.P., AMARATUNGA 1981(MS) FROERMAN, YU.M., TEDULOV, ET AL 1981(MS) FROERMAN, YUM, SHEVCHENKO, AMARATUNGA 1981(MS) GRINKOV, YUS, RIKHTER 1981(MS) HATANAKA,H 1981A(MS), 1981B(MS) JAMIESON,G S, ET AL 1981 KOEL-LER.P.A., LEGRESLEY 1981 NORTHWEST ATLANTIC FISHERIES ORGANIZATION 1981 RIKHTER, V.A., TUROK, GRINKOV 1981(MS) ROMERO, M.C.L., AMARATUNGA 1981(MS) AMARATUNGA, T., YOUNG, ROBERGE 1982(MS) BECK, P.C., ET AL 1982(MS). DUPOUY, H 1982(MS) DUPOUY, H, ET AL 1982(MS) DUPOUY, H, MINET 1982A(MS), 1982B(MS) HA-TANAKA,H 1982(MS) KONOVALOV,E I, NIGMATULLIN 1982(MS). LEMON,D, RYCROFT 1982 MOHN, R.K. 1982 NAGALT, KAWAHARA 1982(MS) NORTHWEST ATLANTIC FISH-ERIES ORGANIZATION 1982 RIKHTER, VA, TUROK, GRINKOV 1982(MS) SCARRETI, D.J. (ED.) 1982 WILSON, J.R., GORHAM 1982A AMARATUNGA, T. 1983 BECK, P.G., ET AL 1983(MS) BROWN, BE, HALLIDAY 1983. CADDY JF 1983 DAWE, E.G., LILLY, DREW 1983(MS) DUPOUY,H 1983(MS) DUPOUY,H, DERIBLE, 1983(MS). KAWAHARAS 1983(MS) NOR THWEST ATLANTIC FISHERIES ORGANIZATION 1983 RATHIEN, W.F. 1983 RIKHTER, VA., GRINKOV, TUROK 1983(MS) ROWELL, TW., BUDDEN 1983(MS) VOSS,G L 1983 WORMS J 1983 COELHO,M L, ROSENBERG 1984 DAWE,F G, MERCER, THRELFALL 1984 DREW,H J. ET AL 1984(MS) FEDULOV,P P. ET AL 1984(MS) FROI R-MAN, YU M 1984B(MS). LILLY, GR, OSBOURNE 1984(MS) NORTHWEST ATLANTIC FISH-ERIES ORGANIZATION 1984 POULARD J.C., ET AL. 1984(MS). ROPER, C.F.E., SWEENEY, NAUEN 1984 ROWELL,TW, BUDDEN 1984(MS) ROWELL,TW, YOUNG 1984(MS) DREW, H.J., ET AL. 1985 (MS) BATANAKA, H., KAWAHARA, ET AL. 1985 HATANAKA, H., LANGE, AMARATUNGA 1985. PAULY, D 1985 ROWELL, TW 1985 ROWELL, TW BUD-DEN 1985(MS) ROWELL,TW, TRITES 1985 ROWELL,TW, YOUNG, ET AL 1985A(MS), 1985B BECK, P.C., ET AL. 1986(MS) HALLIDAY, R.G., ET AL. 1986 ROWELL, T.W., SCAT-TOLON 1986(MS) ROWELL, TW., YOUNG 1986(MS)

LIFE HIS FORY/CYCLE VITAL

ANON 1932 MERCER, M.C. 1973B(MS) MESNILB 1977 AMARATUNGA, T. ROBERGE. WOOD 1978A DURWARD R.D., VESSEY, ET AL. 1979(MS) O'DOR, R.K., DURWARD 1979 DURWARD, R.D., VESSEY, ET AL. 1980(MS). AMARATUNGA, T. 1982(MS). O'DOR, R.K., BALCH, AMARATUNGA 1982(MS) O'DOR, R. K., BALCH, ET AL 1982 AMARATUNGA, T. 1983 BO-LETSKY,SV, HANLON 1983 O'DOR,RK 1983 TRITES,RW 1983 FROERMAN,YU M 1984B(MS) NIGMATULLIN, CH M , ET AL 1984(MS) COELHO, M L 1985 COELHO, M L , MALLET, O'DOR 1985 HATANAKA,H 1985(MS) HATANAKA,H, KAWAHARA, ET AL 1985 O'DOR, R. K., BALCH 1985. PAULY, D. 1985. ROWELL, T.W. 1985. ROWELL, T.W. TRITES 1985

MORPHOLOGY MORPHOLOGIE

VERRILL, A.E., ET AL. 1873 VERRILL, A.E. 1880-1881, 1882A WINSLOW, F. 1883 GANONG,W F 1889 PROVANCHER, L 1891A PFEFFER, G 1912 DE CHAMPLAIN, A 1925 RONAYNE,M 1955 HODDER,V M 1964 MERCER,M C 1965(MS) ALDRICH,F.A., LU 1968C MANGOLD,K, ET AL, 1969 MARTIN,AW, ALDRICH 1970 BRADBURY,H E, 1971 BRADBURA HE, ALDRICH 1971. MERCER, M.C. 1973C(MS) BRINKHURST, R.O., LINKLET-IER, ET AL 1976 STEADMAN, DB 1978 HURLEY, GV, BECK 1979A., 1980(MS) MER-CER,M.C., ET AL 1980 AMARATUNGA,T 1981D(MS). DAWE,E.G. 1981B AMARATUNGA,T BUDDEN 1982(MS) O'DOR, R.K., BALCH, ET AL 1982 SIVAK J.G. 1982 JONES, G.M., O'DOR 1983 RADTKE, R. I. 1983 ROWELL, T. W., YOUNG 1984(MS). COELHO, M. L., MAL. LET, O'DOR 1985 DAWE, E.G., O'DOR, ET AL 1985 HATANAKA, H 1985 (MS) MORRIS, C.C., ALDRICH 1985 BECK,PC, ET AL 1986(MS)

PATHOLOGY PATHOLOGIE

SQUIRES, H.J. 1957B MERCER, M.C. 1965(MS) BROWN, E.L., THRELFALL 1968A, 1968B THRELFALL,W, ET AL 1971 LIPINSKI,M 1973 THRELFALL,W 1982 HOCHBERG,F.G. 1983 JONES, G. M., O'DOR 1983 DAWE, E.G., MERCER, THRELFALL 1984 PHYSIOLOGY PHYSIOLOGIE

SQUIRES, H J 1957B MERCER, M C 1965 (MS) WILLIAMSON, G R 1965 STALL-WORTHY W.B., FENSOM 1966 SQUIRES, H.J. 1967A ROWE, V.L., MANGOLD 1975 AMARA-TUNGA I , ROBERGE, WOOD 1978A DURWARD, R D , AMARATUNGA, O'DOR 1978 GEDULDIG,D, ROEKMAN 1979 VINOGRADOV,VI, NOSKOV 1979 O'DOR,RK, DURWARD, ET AL 1980 HIRTLE, R.W.M., ET AL 1981 WALLACE, I.C., ET AL 1981 SIVAK, J.G. 1982 DEMONT,ME, O'DOR 1984 WEBBER,DM, O'DOR 1985

SYSTEMATICS, SYSTEMATIQUE VERRILL, A E 1880-1881, 1882A PFEFFER, G 1912. CLARKE, M R 1966 ALDRICH, F A., LU 1968C ROPER, C.F.E., LU, MANGOLD 1969 STEPHEN, S.J. 1982(MS) ROPER, C.F.E., SW-EENEY, NAUEN 1984

LAXONOMY TAXINOMIE

VERRILL, A E 1880-1881 PROVANCHER, L. 1891A. PFEFFER, G 1912 CLARKE, M. R. 1966 MANGOLD, K, ET AL 1969 ROPER, C.F.E., LU, MANGOLD 1969 BRINKHURST, R.O., LIN-KLETTER, ET AL 1976 MACALASTER, E 1977(MS) STEPHEN, S. J. 1982(MS) ROPER, C.F. E. SWEENEY, NAUEN 1984 **TECHNIQUES**

DAWSON, J.W. 1858A FROST, N., THOMPSON 1934. TEMPLEMAN, W., FLEMING 1956. AL-DRICH, FA 1964(MS) SNELGROVE, C E. 1966(MS) STALLWORTHY, W B., FENSOM 1966

ILLEX ILLECEBROSUS (LESUEUR 1821) - Cont'd

JULISIEWICZ L. ELAL 1973 - RATHIEN W.F. 1973 - AOSS G.L. 1973 - MERCERALD 1974(MS) O'DOR R K. DURWARD BALCH 1977 - LIPINSKIAI 1978BAIS) - O'DOR R K. 1978 ROWEL 1978 STEADMAN D.B. 1978 AMARATUNGA I. DURWARD 1979(MS. AR. NOLD G P 1979 CLAY D 1979 FROERMAN AU M 1779(MS) GEDULDIG D ROLEMAN 1979 HURLEY GAV BECK 1979A HURLEY GAV, BECK, ET AL 1979(MS) HURLEY GAV MOHN 1979(MS) HURLLY G.V., WALDRON 1979(MS) KAWAHARA, S. 1979(AIS) O DORR K. DURWARD, FT AL. 1979(MS). DAWF E.G., BECK. 1980(MS). FROFRMANAU M. 1980(MS) HURLEY GA 1980BIMS: HURLEY GA BECK 1980(MS) HURLEY GA DAWE 1980(MS) NAGALT, COZUMI 1980(MS) O'DORRE DURWARD ELAL 1980 DAWLEG 1981B FROLEMANAUM SHEVCHENKO AMARAH NGA 1981ANSI HATANAKAH 1981B MS) ROMFROALCE, AMARATUNGA 1981(MS) WALLACETC, ET AL 1981 AMARATUNGA E BUDDEN 1982(MS) - COLLHO M E AMARATUNGA DUPOLA 1982 (AMS) 1982B(MS) DUPOUY H. MINET 1982B(MS) MODER R K. 1982 NAGALT, KAWAHARA 1982(MS) SIVAK J G. 1982 - WILSON J R. GORHAM 1982A - AMARATUNGA, T. 1983 - BO-LETSKYN V. HANTON 1983 CADDY LE 1983 HURLEY G.V. ODENSE T.LAI. 1983(AIS). KEP I CERVANTES FT AL 1983 O'DORRK 1983 RADTKER L 1983 DAWLEG MER-CER THREITAIL 1984 DEMONTME O'DOR 1984 COFFIO MT MALLET O'DOR 1985 DAWLEG, O DOR, ET AL 1985 MORRIS, C. ALDRICH 1985 O DORRA, BALCH 1985 PAULY,D 1985 ROWELL I W 1985 WEBBER D M O'DOR 1985

ILLEX SP

NAMES APPLIED NOMS EMPLOYES

TILLEN SP

ANON 1957B ALDRICH FA, LU 1968C ANON 1971G SMITH, G.J.D., GASKIN 1974 PIN-HORN, A. I. HALLIDAY, 1975 HALLIDAY, R.G., PINHORN 1985

MARINE

ATLANTIC ALLANTIQUE ANON 1957B ALDRICH, FA LU 1968C ANON 1971G SMITH G.I.D., GASKIN 1974 PINHORN A.F. HALLIDAA 1975 HALLIDAA R.G., PINHORN

DISTRIBUTION REPARTITION

ANON 1957B

FC0L0G7_FC0L0GII

SMITH, G.J.D. GASKIN 1974 FISHERIES PECHERIES

ANON 1971G PINHORN, A I HALLIDAY 1975 HALLIDAY R.G. PINHORN 1985

SYSTEMATICS SYSTEMATIQUE ALDRICHE A , LU 1968C

OMMASTREPHES BARTRAMI (LESUEUR 1821)

NAMES APPLIED NOMS EMPLOYES

LOLIGO BARTRAMI - LESUFUR 1821 - AS LOLIGO BARTRAMII

GANONG,W F 1885

OMM AS FREPHES BAR LRAMI (LESUEUR 1821).

CLARKEMIR 1966 BERNARD, FR 1981 WILSON, J. R. GORHAM 1982A ROPER, C.F. E., SW-EENEY NAUEN 1984 JAMILSON, G.S. TRANCIS 1986 JEFFERTS K 1986

OMMANTREPHES BARTRAMI (LESCEUR 1821) AS OMMANTREPHES BARTRAMII PROVANCHERL 1872 MERCERANIC 1968 BERNARD FR 1980 BERNARD FR (ED.) 1982

MARINE

REGIONS

ATLANTIC ATLANTIQUE PROVANCHER, L 1872 GANONG, WF 1885 CLARKE M R 1966 MERCER, M C 1968 ROPER C F E , SWEENEY NAUEN 1984

PACIFIC PACIFIQUE CLARKEMR 1966 MERCERMIC 1968 BERNARDER 1980, 1981 BERNARDER (ED) 1982 WILMONJER, GORHAM 1982A ROPER CEE SWEENE) NAUEN 1984 JAMIESON OS, FRANCIS 1986 JEFFERTSK 1986

DISTRIBUTION REPARTITION

PROVANCHER, L 1872 GANONG, W.F. 1885 CLARKEM R. 1966 MERCLR M.C. 1968 BERNARD F.R. 1980 MILNON, F. GORHAM. 1982A ROPER, C.F.E., NWEENEY, NAUEN 1984 JAMIESON G.S., FRANCIS, 1986 JEFFER T.S. K. 1986.

ECOLOGY ECOLOGIE

CLARKE,M R 1966 BERNARD, FR 1980 JAMIESON, GS, FRANCIS 1986 JEFFERTS K

FISHERIES PECHERIES

BERNARD, F.R. 1981 BERNARD F.R. (ED.) 1982 WILSON, J.R. GORHAM 1982A ROP-ER C.F.E., SWEENEY, NAUEN 1984 JAMHESON, G.S., FRANCIS 1986 JEFFERTS, K. 1986 MORPHOLOGY MORPHOLOGIE

PROVANCHER L 1872 BERNARD F.R. 1980

SYSTEMATICS SYSTEMATIQUE

CLARKEM R 1966 ROPER C.E.L. SWEENLY, NAULY, 1984

ILCHNIQUES

BERNARD I R 1980, 1981 WILSON J.R. GORHAM 1982A JEFFFRISK 1986

OMMASTREPHES PTEROPUS - STEENSTRUP 1855

NAMES APPLIED NOMS EMPLOYES

ARCHITECTHIS MEGAPIERA A VERRILL BOS A FRRILLA E 1879E — MACALASTER, E 1972(MS) OMMASTREPHES PTEROPUS - STEENSTRUP 1855

STHEN TELTHIS MEGAPIERA (VERRILL 1878)

VERRALI VE 1882 V

STHEN STEPSTHIS PTEROPUS (STEENSTRUP 1858) TOURSON CW. 1934

MARINE

ATLANTIC ATLANTIQUE VERRILLAE, 1879E, 1882A JOHNSON, CW 1934 MA-

DISTRIBUTION REPARTITION

VERBILLA E 1879E | JOHNSON, CW 1934 | MACALASTER E 1977(MS) | STEPHEN, S. J.

FCOFORA FCOFORIF

MACALASTER, F. 1977(MS) MORPHOLOGY, MORPHOLOGIE

VERRILI A E. 1882A

VERRILL A E 1882A STEPHEN, S J 1982(MS)

TAXONOMY TAXINOMIE

MACALASTER,L 1977(MS) - \$1 EPHEN,S J 1982(MS

OMMASTREPHES SP

NAMES APPLIED. NOMS EMPLOYES.

OMMASTREPHES SP. AS OMMASTREPHES CT. BARTRAMI NESIS & N. 1973B.

MARINE

REGIONS

PACIFIC PACIFIQUE NESISKN 1973B

DISTRIBUTION REPARTITION.

NESIS K N. 1973B

ORNITHOTEL THIS ANTIL LARUM ADAM 1957

NAMES APPLIED NOMS EMPLOYES
ORNITHOTELTHIS AND LARUM ADAM 1957

STEPHEN S J 1982(MS)

REGIONS

ATLANTIC ATLANTIQUE STEPHENS I 1982(MS)

DISTRIBUTION REPARTITION

SYSTEMATICS/SYSTEMATIQUE

STEPHEN S J. 1982(MS) TAXONOMY / FAXINOMIE

STEPHEN,S J. 1982(MN)

SYMPLECTOTEUTHIS LUMINOSA (SASAKI 1915)

NAMES APPLIED, NOMS EMPLOYES

EUCLEOFEL FHIS LUMINOSA SASAKI 1915 WILSON, J.R., GORHAM 1982 V SYMPLECTOFEL THIS LUMINOSA (SASAKI 1915)

ROPER, C.E.E., SWEENLY, NAUEN 1984

SYMPLECTOTEUTHIS LUMINOSA (SASAKI 1915) - Cont'd.

MARINE

REGIONS

PACIFIC PACIFIQUE WILSON, LR. GORHAM 1982A ROPER C.E.S. SWEENEY, NAUEN

DISTRIBUTION REPARTITION

WILSON, J.R., GORHAM 1982A ROPER, C.F.E., SWEENLY NAUEN 1984 LISHERIES PECHERIES

WILSON, J.R. GORHAM 1982A. ROPER C.F.E., SWEENEY, NAUEN 1984

SYSTEMATICS/SYSTEMATIQUE

ROPER C.F.E., SWEENLY, NAUEN 1984

I AXONOMY/TAXINOMIE.

ROPER C.E.E., SWEENLY, NAUEN 1984

TECHNIQUES

WILSON J R . GORHAM 1982A

TODARODES PACIFICUS (STEENS FRUP 1880)

NAMES APPLIED, NOMS EMPLOYES

TODARODES PACIFICUS (STEENSTRUP 1880)

MERCER, M.C. 1968 VOSS, G.L. 1973. WILSON, J.R. GORHAM 1982A. ROPER, C.E.E., SW-

FENEY, NAUEN 1984

MARINE REGIONS

PACIFIC PACIFIOUE MERCER M.C. 1968 VOSS G.I. 1973 WILSON I R. GORHAM. 1982A

ROPER, C.F.E. SWEENEY NAUEN 1984

DISTRIBUTION REPARTITION

MERCERIM C. 1968 VOSSIG L. 1973 WILSON LR. GORHAM 1982A ROPER C.F.E. SW-EENEY NAUEN 1984

FCOLOGY, ECOLOGIE VOSST-1 197

FINITERIES PECHERIES

VOSS, G. L. 1973 WILSON ER. GORHAM. 1982A. ROPER, C.F.E., SWEENEY, NAUEN. 1984.

SYSTEMATICS/SYSTEMATIOUE

ROPER, C.F.E., SWEENEY, NAUEN 1984

ROPER CEE, SWEENEY NAUEN 1984

TECHNIQUES

VOSS,G L 1973 WILSON, J R., GORHAM 1982A

7 TODARODES SAGITTATUS SAGITTATUS (LAMARCK 1798)

NAMES APPLIED NOMS EMPLOYES

OMMANUREPHES NAGITTATUS 1, AMARCK 1798

GOULD, A A 1870 WHITEAVES, J.F. 1887 PROVANCHER, L. 1890A FAYLOR, G.W. 1895B

OMMASTREPHES TODARUS GRAY 1849 PACKARD AS 1863

OMMASTREPHES SP. AS OMMASTREPHES OF TOD ARUS

PACKARDAS 1867

MARINE.

REGIONS

ATLANTIC ATLANTIQUE PACKARDAS 1863. 1867 GOULDAA 1870 PROVANCHERA

PACIFIC PACIFIQUE WHITEAVES, IF 1887 TAYLOR, G.W. 1895B.

DISTRIBUTION REPARTITION

PACKARD AN 1863, 1867 GOULD A A 1870 WHITEAVES, J.F. 1887 PROVANCHER, L.

ECOLOGY, ECOLOGIE

TAVIOR C. W. 1805R

MORPHOLOGY MORPHOLOGIE

GOULD A A 1870

ONYCHOTEUTHIDAE

MOROTEUTHIS ROBUSTA (VERRILI, 1876)

NAMES APPLIED, NOMS EMPLOYES

MOROTEUTHIS ROBUSTA (VERRILL 1876)

VERRILL A E 1882A BERRY, S S 1912 ANON 1957E AKIMUSHKIN LI 1963

CLARKE,M R 1966 MERCER,M C 1968 BERNARD,F R 1970A YOUNG,R E 1972 NE-SIS,K N 1973B HOCHBERG,F G 1974 WILSON,J R, GORHAM 1982A. VAN DER SPOELS, HFYMAN 1983

MOROTEL THIS ROBUSTA (VERRILL 1876) AS MOROTEUTHIS ROBUSTUS

ROPER, C.F. E., SWEENLY, NAUEN 1984

OMMASTREPHES ROBUSTUS VERRILL 1876 VERRILLA E 1876

ONYCHOTEL THIS ROBUSTA (VERRILL 1876)

VERRILLA E 1879-1880 DALL W H 1899

MARINE REGIONS

> ARCTIC ARCTIQUE VERRILLA E 1876 DALL WH 1899 NESIS K N 1973B PACIFIC PACIFIQUE VERRILLA E 1879-1880 , 1882A BERRY, S S 1912. ANON 1957E AKI-

MUSHKIN, I I 1963 CLARKE M.R. 1966 MERCER, M.C. 1968 BERNARD, F.R. 1970A YOUNG R.E. 1972 HOCHBERG, F.G. 1974 WILSON, J.R., GORHAM 1982A. VAN DER SP-OELS, HLYMAN 1983 ROPER C.F.E., SWEENEY, NAUEN 1984

DISTRIBUTION/REPARTITION

DALL.W H 1899 AKIMUSHKIN, H 1963 CLARKE, M R 1966 MERCER, M C 1968 BER-NARD, FR 1970A YOUNG, RE 1972 NESIS K.N 1973B WILSON, J.R., GORHAM 1982A VAN DER SPOELS, HEYMAN 1983 ROPER, C.F.E., SWEENLY, NAUEN, 1984

ECOLOGY ECOLOGIE

ANON 1957E AKIMUSHKIN,U 1963 CLARKE MR 1966 FISHERIES, PECHERIES

WILSON, I'R GORHAM 1982A ROPER C.F.E., SWEENEY NAUEN 1984

MORPHOLOGY/MORPHOLOGIE

VERRILLA E 1876. 1879-1880. 1882A

SYSTEMATICS/SYSTEMATIQUE

VERRILL, A E 1879-1880, 1882A AKIMU SHKIN I I 1963 CLARKE M R 1966 HOCH-BERG, F.G. 1974 ROPER, C.F.E., SWEFNEY, NAUEN 1984

TAXONOMY/TAXINOMIE VERRILL, A E 1876, 1879-1880, 1882A BERRY, S S 1912 AKIMU SHKIN, LL 1963

CLARKE M R 1966 ROPER C F E. SWEENEY, NAUEN 1984 TECHNIQUES

WILSON J.R. GORHAM 1982A

MOROTEUTHIS SP

NAMES APPLIED/NOMS EMPLOYES MOROTEUTHIS SP.

LARKIN PA, RICKER 1964

MARINE REGIONS

PACIFIC, PACIFIQUE LARKIN, P.A., RICKER 1964.

ECOLOGY/ECOLOGIE

LARKIN, PA, RICKER 1964

MORPHOLOGY, MORPHOLOGIE LARKIN PA . RICKER 1964

ONYCHOTEUTHIS BANKSI (LEACH 1817)

NAMES APPLIED/NOMS EMPLOYES

ONYCHOTEL THIS BANKSI (LEACH 1817)

BLEAKNEY, J.S. 1967 MERCER, M.C. 1968 ROPER, C.F.E., SWEENEY, NAUEN. 1984. ONYCHOTFUTHIS BERGII (EICHTENSTEIN 1818) AS ONYCHOTFUTHIS BERGI DALL W H 1873

MARINE

REGIONS

ATLANTIC/ATLANTIQUE BLEAKNEY, IS 1967 MERCER, M.C. 1968 ROPER C.F.E., SW-EENEY NAUEN 1984

ARCTIC/ARCTIQUE DALL W H 1873

PACIFIC PACIFIQUE MERCER M.C. 1968

DISTRIBUTION REPARTITION

DALL,W H 1873 MERCER,M C 1968 ROPER,C F.E., SWEENEY, NAUEN 1984 ECOLOGY, ECOLOGIE

BLEAKNEY, IS. 1967

FISHERIES/PECHERIES

ROPER C.F.E., SWEENEY, NAUEN 1984

ONYCHOTEUTHIS BANKSI (LEACH 1817) - Cont'd.

MORPHOLOGY MORPHOLOGIE DALL W.H. 1873

SYSTEMATICS/SYSTEMATIQUE

ROPER.C.F.E., SWEENEY, NAUEN 1984 TAXONOMY TAXINOMIE

ROPER.C F.E., SWEENEY, NAUEN 1984

ONYCHOTEUTHIS BOREALIJAPONICA OKADA 1927

NAMES APPLIED, NOMS EMPLOYES

ONYCHOTEUTHIS BANKSI NON (LEACH 1817), AUCTORUM

AKIMUSHKIN LT 1963

ONYCHOTEUTHIS BANKSI. NON (LEACH 1817). AUCTOREM AS ONYCHOTEUTHIS BANKSII. BERNARD, F.R. 1970A BIGG, M., MACASKIE 1972A(MS) VERMEER, K. 1979.

ONYCHOTEUTHIS BANKSI BOREALIJAPONICA OKADA 1927 AS ONYCHOTEUTHIS BANKSI BO-REALLIAPONICUS NESISK N 1973B

ONYCHOTEUTHIS BUREALIJAPONICA OKADA 1927

BERNARD, FR. 1980 BERNARD, FR. (ED.) 1982 JAMIESON, G.S., FRANCIS 1986 JEF-

ONYCHOTEUTHIS BOREALIJAPONICA OKADA 1927 AS ONYCHOTEUTHIS BOREALI-IAPONICUS

BERNARD, F.R. 1970A YOUNG, R.E. 1972. FOWLER, C.W. 1982 WILSON, I.R., GORHAM 1982A SANGER G A 1983 ROPER C F E. SWEENEY NAUEN 1984

ONVCHOTEUTHIS EUSIFORMIS GABB 1862 CARPENTER P.P. 1864A TAYLOR G.W. 1895B

MARINE

REGIONS

ARCTIC/ARCTIQUE NESIS.K N. 1973B

PACIFIC/PACIFIQUE CARPENTER.P.P. 1864A TAYLOR.G.W. 1895B AKIMUSHKIN.I.I. 1963 BERNARD, FR 1970A BIGG, M., MACASKIE 1972A(MS) YOUNG, RE 1972. VERMEER, K 1979 BERNARD, FR 1980 BERNARD FR (ED.) 1982 FOWLER, CW 1982 WILSON, IR. GORHAM 1982A SANGER G A 1983 ROPER C F E. SWEENEY NAUEN 1984 JAMIE-SON, GS, FRANCIS 1986. JEFFERTS, K 1986

DISTRIBUTION/REPARTITION

CARPENTER, P.P. 1864A TAYLOR, G.W. 1895B AKIMUSHKIN, I. 1. 1963 BERNARD, F.R. 1970A YOUNG, R.E. 1972 NESIS, K. N. 1973B BERNARD, F. R. 1980 WILSON, J. R. GORHAM 1982A ROPER C.F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986 JEF-FERTS.K 1986

ECOLOGY/ECOLOGIE

AKIMUSHKIN, I I 1963 BIGG, M., MACASKIE 1972A(MS) VERMEER, K 1979 BER-NARD, F.R. 1980 FOWLER, C.W. 1982 SANGER, G.A. 1983 JAMIESON, G.S., FRANCIS 1986 JEFFERTS,K 1986

FISHERIES/PECHERIES

BERNARD, FR 1980 BERNARD, FR (ED) 1982 WILSON, JR, GORHAM 1982A ROP-ER.C. F.E., SWEENEY, NAUEN 1984 JAMIESON, G.S., FRANCIS 1986. JEFFERTS, K. 1986.

MORPHOLOGY/MORPHOLOGIE BERNARD FR 1980

SYSTEMATICS/SYSTEMATIQUE

AKIMUSHKIN I I 1963 ROPER C.F.E. SWEENEY, NAUEN 1984

TAXONOMY/TAXINOMIE

AKIMUSHKIN,11 1963 ROPER,C.F.E., SWEENEY, NAUEN 1984

TECHNIQUES

BERNARD, FR 1980 WILSON, JR, GORHAM 1982A. JEFFERTS, K 1986

ONYCHOTEUTHIDAE GENUS INCERTUM

ONYCHOTEUTHIS SP.

NAMES APPLIED, NOMS EMPLOYES

ONVCHOTELEHIS SP PIKE,G.C., MACASKIE, CRAIG 1965(MS)

MARINE REGIONS

PACIFIC PACIFIQUE PIKE.G.C., MACASKIE, CRAIG 1965(MS) ECOLOGY/ECOLOGIE

PIKE,G.C., MACASKIE, CRAIG 1965(MS)

OPISTHOTEUTHIDAE

OPISTHOTEUTHIS CALIFORNIANA BERRY 1949

NAMES APPLIED, NOMS EMPLOYES OPISTHOTEUTHIS CALIFORNIANA BERRY 1949 MERCER M.C. 1968. NESIS K.N. 1973B.

MANDINE

REGIONS

PACIFIC PACIFIOUE. MERCER M.C. 1968. NESIS K.N. 1973B. DISTRIBUTION REPARTITION

MERCER M C 1968 NESIS K N 1973B

SEPHDAE

8 SEPIA OFFICINALIS (LINNAEUS 1758)

NAMES APPLIED NOMS EMPLOYES SEPIA OFFICINALIS (LINNAEUS 1758) MACALASTER E 1977(MS)

MARINE REGIONS

ATLANTIC/ATLANTIQUE MACALASTER E 1977(MS) DISTRIBUTION, REPARTITION

MACALASTER E 1977(M8) ECOLOGY/ECOLOGIE

MACALASTER, E 1977(MS) TAXONOMY/TAXINOMIE MACALASTER,E 1977(MS)

NAMES APPLIED/NOMS EMPLOYES

SEDIA SP SUTHERLAND, P.C. 1852

MARINE

9 SEPIA SP.

REGIONS

ARCTIC/ARCTIQUE SUTHERLAND,PC 1852

ECOLOGY/ECOLOGIE SUTHERLAND P.C. 1852

SEPIOLIDAE

ROSSIA GLAUCOPSIS LOVEN 1845

NAMES APPLIED/ NOMS EMPLOYES

ROSSIA GLAUCOPSIS LOVEN 1845 AS ROSSIA GLAUCOPIS LEDOYER,M 1975C

MARINE REGIONS

ATLANTIC/ATLANTIQUE LEDOYER,M 1975C

ECOLOGY/ECOLOGIE

LEDOYER.M 1975C

ROSSIA MEGAPTERA VERRILL 1881

NAMES APPLIED/NOMS EMPLOYES

ROSSIA MEGAPTERA VERRILL 1881

VERRILL, A E. 1880-1881 JOHNSON, C W 1934 CLARKE, A H JR 1962 MERCER, M C 1968 STEPHEN,S J 1982(MS)

MARINE REGIONS

> ATLANTIC, ATLANTIQUE VERRILL, A E 1880-1881 JOHNSON, CW 1934 CLARKE, A H. JR 1962. MERCER M.C. 1968 STEPHEN S. I. 1982(MS)

ARCTIC/ARCTIQUE MERCER,M C 1968

ROSSIA MEGAPTERA VERRILL 1881 - Cont'd

DISTRIBUTION REPARTITION

VERRILLA F. 1880-1881 - JOHNSON, C.W. 1934 - CLARM A H. JR. 1962 - MERCER M.C. 1968

MORPHOLOGY MORPHOLOGIE

SYSTEMATICS SYSTEMATIOUE ATRRILL VE 1880-1881 - STEPHEN ST 1982(AIS)

LANONOMY LANDSOMIE

VERRILL, VE. 1880-1881 - STEPHEN ST. 1982 AISC

ROSSIA MOELLERI STEENSTRUP 1856

NAMES APPLIED NOMS EMPLOYES

ROSSIA MOLLERI - STEENSTRUP 1856 - AS ROSSIA MOLLERI

MERCLRAIC 1968 WACASEVEW, ATKINSON GLASSPOOLE 1979

MARINE

REGIONS

ARCTIC ARCTIOUF MERCERALC 1968 WACASEV J.W. ATKINSON, GLASSPOOLE, 1979 DISTRIBETION REPARTITION

MERCER, M.C. 1968. WACASEY J.W. ATKINSON GLASSPOOLE 1979.

WACASIA LW ATKINSON GLASSPOOLE 1979

ROSSIA PACIFICA BERRY 1911

ROSSIA PACILICA BERRY 1911 BERRY'S S 1911- 1912 - FRASER, CMCL 1932 - CLEMENS WA 1934A - PRITCHARD, AT - TES-TER 1944 MAXWITLB F 1952 SCHELLIRA B 1959 AKIMUSHKIN II 1963 BARRA-CLOUGHWE HERLINGLAUN 1965(MS) - MERCERMIC 1968 - BERNARDER 1970A - MAR-TINAW ALDRICH 1970 MCDANIEL NG 1973 NESISK N 1973B HOURBERG F G 1974 FIELDS W.G., THOMPSON, 1976 BERNARD F.R. 1978 MICDANIEL N.G., LEVINGS, E.L. AL 1978 BERNARD I R 1979B WILSON, J.R. GORHAM 1982A ROPLECT F. SWEENEY

NAUEN 1984

MARINE

R1 GIONS ARCTIC ARCTIQUE MERCER M.C. 1968.

PACIFIC PACIFIQUE. BLRRY'S 5-1911-1912. FRASLR'C MCI. 1932. CLIMESS WA. 1934A. PRITCHARD AT TESTER 1944 MANWELL BT 1952 SCHELLERA B 1959 AKIMUSH-KIN 11 1963 BARRACLOUGH W.F. HERLINVI AUX 1965(MS) - MERCER M.C. 1968 - BER-NARD LR 1970A - MARTIN VW. ALDRICH 1970 - MCDANIEL N.G. 1973 - NESIS K.N. 1973B HOCHBERG F.G. 1974 FIELDS, W.G. THOMPSON 1976 BERNARD F.R. 1978 MICDANIEL N.G. LEVINGS F.L. AL. 1978 BERNARD LR. 1979B. WILSON LR. GORHAM

1982A ROPER C.E.E., SWEENEY NAUEN 1984

BIOCHEMISTRY BIOCHIMIE MAXWELL B.L. 1952

DINTRIBUTION REPARTITION

BERRY VS 1912 TRASER CALCE 1932 CTTMENS,WA 1934A SCHEFFER V B 1959 AKI-MUSHKIN LL 1963 - BARRAC LOUGH W.F. HERLINALAU X. 1965(MIS) - MERCER M.C. 1968 BERNARD FR. 1970A - NISIS K.N. 1973B - BERNARD J. R. 1978 - WILSON J.R., GORHAM 1982A ROPER CEE SWILLNEY NAUEN 1984

ECOLOGY ECOLOGIE

FRASER (MCL, 1932 - PRITCHARD A L. TESTER 1944 - AKIMUSHKIN, EL 1963 - MCDAN-TEL N.G. 1973 BERNARD, FR. 1978 MCDANIEL N.G., LEVINGS ET AL. 1978 BER-

NARD LR 1979B LISHLRIES PECHERIIS

WILSON, LR., GORHAM, 1982A. ROPER, C.L.E., SWEENLY, NAUEN, 1984.

MORPHOLOGY MORPHOLOGIE

BERRY S S 1911 MARTINA W. ALDRICH 1970 FIELDS W.G. THOMPSON 1976

SYSTEMATICS SYSTEMATIQUE

AKIMUSHKIN 11 1963 HOCHBERG, F.G. 1974 ROPER C.L.E., SWEENEA NACEN 1984

BERRY'S S. 1911 - 1912 - AKIMUSHKIN, I. 1963 - ROPER C.F.E. SWEENEY NAUEN 1984

WILSON, LR., GORHAM, 1982A

ROSSIA PALPEBROSA OWEN 1835

NAMES APPLIED NOMS EMPLOYES

ROSSIA HYATTI - VERRILI 1878 VERRILL VF 1880-1881, 1882A JOHNSON, CW 1934 BRUNEL P 1970A CADDV. JF 1970B LEDOVER,M 1975A , 1975B 1975C

ROSSIA PALPEBROSA OWEN 1835.

OWEN R 1835 1835 GREIG LA 12022 MERCER, M.C. 1268 MAGALANTER, E 1977 (MN) WACASEY LW , A I KINSON GLASSPOOLE 1979 STEPHEN'S L 1982(MS)

ROSSIA SUBLEVIS VERRII I 1878 VERRILL VE 1880-1881 1882A WHITEAVES, LE 1901B

ROSSIA SUBLEVIS A VERRILL 1878 AS ROSSIA SUBLAÇÃOS JOHNSON CW 1934

MARINE

REGIONS

ATLANTIC ATLANTIQUE VERRILLA E. 1880-1881, 1882A WHITEAVES J. F. 1901B JOHN-SON, CW 1934 MERCER M.C. 1968 BRUNEL, P. 1970A CADDY J.F. 1970B LLDOYER M. 1975 A . 1975 B . 1975 C . MACALASTER E . 1977 (MS) . STEPHEN, S. I. 1982 (MS)

ARCTIC ARCTIQUE OWEN'R 1835 GREIG JA 1909 MERCER,MC 1968 WACASEA J W ATKINSON, GLASSPOOLI J

DISTRIBUTION REPARTITION

VLRRII L.A.1 [880-188] WHITEAVES J.F. [1901B. GREIG, J.A. [1909. JOHNSON, C.W. [1934. MERCER M.C. 1968 BRUNEL, P. 1970A CADDY LE. 1970B MACALASTER E. 1977(MS) WACASEV FW. ATKINSON GLASSPOOLF 1979 STEPHEN S J. 1982(MS)

ECOLOGY ECOLOGIE

LEDOYER M 1975 A, 1975 B 1975 C MACALASTER L 1977 (MS) WAGASTY, J.W., A.I.KINSON,

MORPHOLOGY MORPHOLOGIE

OWEN.R 1835 VERRILLA E 1880-1881 1882 \ GRLIG.J \ 1909 SYSTEMATICS SYSTEMATIOUL

OWEN R 1835 VERRILLA F 1880-1881 1882 V. STEPHEN, S.J. 1982(MS) TAXONOMY TAXINOMIE

OWEN R 1835 A ERRILL A E 1880-1881 WILLIEAVES LE 1901B MACALASTER E 1977(MS) STEPHEN, S.J. 1982(MS)

ROSSIA SP.

NAMES APPLIED NOMS EMPLOYES.

OWEN R 1835 ALDRICH, FA LIC 1968B ATKINSON, E.G., WACASEA 1976 BERNARD LR 1980 BOUTHTHRIA HARLING 1985

ROSSIANE AS ROSSIA CE HVATTI BRUNLLP 1961H

MARINE.

ATLANTIC AFLANTIQUE BRUNELP 1961H ALDRICH, EA LU 1968B

ARCTIC ARCTIQUE OWEN'R 1835 ATKINSON, E.G. WACASEA 1976

PACIFIC PACIFIQUE BERNARD, FR. 1980 BOUTHFILER, JA., HARLING, 1985. BIOCHEMISTRY BIOCHIMIE

ATKINSON F.C. WAY ASLA 1976

DISTRIBUTION REPARTITION

BRUNEL, P. 1961H ALDRICH, F.A. 1.1. 1968B BERNARD, F.R. 1980 BOUTHLILR, J.A., HAR-LING 1985

PHYSIOLOGY PHYSIOLOGIE

ALDRICHLE V. LU. 1968B. LAXONOMY LAXINOMIE

OW1 NR 1835

SEMIROSSIA TENERA (VERRILL 1880)

NAMES APPLIED NOMS EMPLOYES

ROSSIA LENERA (VERRILI 1980) HOVELAN E 1886 BRUNEL P 1961H AKIMUSHKIN 11 1963 BRUNI L.P. 1963B

SEMIROSSIA TENERA (A FRRILL 1880)

JOHNSON, CW 1934 STEPHEN'S J. 1982(MS). ROPER CIFE. SWEENEY NAUEN. 1984.

MARINE

ATLANTIC ATLANTIQUE HOVELINE 1886 JOHNSON, CW 1934 BRUNELP 1961H. AKI-MUSHKIN, I I 1963 BRUNFL P 1963B STEPHENS J 1982(MS) ROPER, CLI SWEENEY NAUEN 1984

SEMIROSSIA TENERA (VERRILL 1880) - Cont'd

DINTRIBUTION/REPARTITION
HOLLEW E-186 JOHNON.C.W 1934 BRUNELP 1961H AMMUNIKIN 11 1963 BRUNELP 1968 STEPHENN J 1982(MS) ROPER C.F.E., AWEENEN NAUEN 1984
ECOLOGY ECOLOGIE
AMMUNIKIN 11 1963

FISHERIES PECHERIES
ROPER CT E SWERKE) NAUEN 1984
SYSTEMATICS, SYSTEMATIQUE
ARMICHIKEN IL 1983, SLEPHIN S. 1 1987(AIN). ROPER C.E., SWELNE), NAUEN 1988

I AXONOMY TAXINOMIE

AKIMI MIKIN I I 1963 - STEPHEN S I 1987(MS) - ROPER C F F SWEENEY, NAUEN 1984

STOLOTEUTHIS LEUCOPTERA (VERRILL 1878)

NAMES APPLIED NOMS EMPLOYES STOLOTEUTHIS LEUCOPTERA (VERRILL 1678) MERCERIN C 1968 STEPHEN,S J 1982(MS)

RIGIONS
ATLANTIC ATLANTIQUE MERCER M.C. 1968 STEPHENN J. 1982/MS)
DINTRIBUTION, REPERTITION
MERCERAN, 1968 STEPHENN J. 1982/MS)
FINITERIES, PECHERIES,
STEPHENN J. 1982/MS,
STEPHENN J. 1982/MS,
VY MALHELM, J. 1982/MS J.
ANDROMY TAXINOMIE
ANDROMY TAXINOMIE

STEPHEN 5 | 1982(MS)

SEPIOLIDAE GENUS INCERTUM

ROSSIA SP

NAMES APPLIED, NOMS EMPLOYES
ROSSIA SP
MINET J P. PERODOU 1978
MARINE

REGIONS
ATLANTIC/ATLANTIQUE MINETJP, PERODOU 1978
ECOLOGY, ECOLOGIE
MINET IP PERODOU 1978

SPIRULIDAE

SPIRULA SPIRULA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES SPIRULA PERONII LAMARCK 1815 WILLISJR 1803D SPIRULA SPIRULA (LINNAELS 1758) MERCERIM C 1908 STEPHEN,S | 1982(MS)

MARINE REGIONS

ATLANTIC ATLANTIQUE WILLISJR 1861B MERCER,MC 1968 STEPHEN.S J 1982(MS)
DISTRIBUTION, REPARTITION
WILLISJR 1861B MERCER,MC 1968 STEPHEN.S J 1982(MS)

SYSTEMATICS SYSTEMATIQUE STEPHEN,S J 1982(MS) TAXONOMY, TAXINOMIE STEPHEN,S J 1982(MS)

STAUROTEUTHIDAE

GRIMPOTEL THIS SP

NAMES APPLIED NOMS EMPLOYES
GRINDOTEUTHS SP
MERCERMC 1968
MARINE
REGION
ALLANTIC AFLANIQUE MERCERMC 1968
DISTRIBLETION REPARTITION

MERGER,M.C. 1968 STAUROTEUTHIS SYRTENSIS VERRILL 1879

TAKOTEUTHIS SARTINIS VERRILL 1879

NAMI-S APPLIED NOMS SAPELOVES
SI M'ROTEL HIN SARTINISS VERRILL 1879
VERRILL A E 1880-1881 ROBNON, GC 1912 MERCER, M. C. 1968 STEPHENS] 1982(MS)

MARINE
REGIONS

MARINE
REGIONS

MARINE
REGIONS

JUSTICE ALLANTIQUE
VERRILLA F 1880-1881 ROBNON, GC 1912 MERCER, M. C. 1968

STEPHENS J 1982(MS)

MORPHOLOGY MORPHOLOGIE
VERRILLA E 1880-1881 ROBNON, GC 1912 MERCER, M. C. 1968

SYSTEMATICS/SYSTEMATIQUE
VERRILLA E 1880-1881 ROBNON, GC 1912

SYSTEMATICS/SYSTEMATIQUE
VERRILLA E 1880-1881 ROBNON, GC 1912

STEPHENS J 1982(MS)

TAXONONY TAXINOMI
VERRILLA E 1880-1881 ROBNON, GC 1912

STEPHENS J 1982(MS)

TAXONONY TAXINOMI
VERRILLA E 1880-1881 ROBNON, GC 1912

STEPHENS J 1982(MS)

TREMOCTOPODIDAE

TREMOCTOPUS VIOLACEOUS VIOLACEOUS DELLE CHIAIE 1830

NAMES APPLIED/ NOMS EMPLOYES

TREMOCTOPUS VIOLACEOUS VIOLACEOUS DELLE CHIAJE 1930
STEPHENS J 1982(MS)

MARINE
REGIONS
ATLANTIC ATLANTIQUE STEPHENS J 1982(MS)
DISTRIBUTION/REPARTITION
SIEPHENS J 1982(MS)
SYSTEMATICS/SYSTEMATIQUE
STEPHENS J 1982(MS)
TAXONOMY/TAXINOMIE
STEPHENS J 1982(MS)

NAMES APPLIED PHILONEXIS SP

SUTHERLAND,P.C. 1852

MARTNE
REGIONS
ARCTIC/ARCTIQUE SUTHERLAND,P.C. 1852
DISTRIBUTION/REPARTITION
SUTHERLAND,P.C. 1852

NAMES APPLIED NOMS EMPLOYES

30 FAMILIA INCERTA, GENUS INCERTUM

FAMILIA INCERTA, GENUS INCERTUM

11 LOLIGO SEPIOLA LAMARCK 1799

NAMES APPLIED NOMS EMPLOYES LOUIGO SEPIOLA LAMARCK 1799 SABINE E 1824

LOLIGO SEPIOLA LAMARCK 1799 - Cont'd.

MARINE REGIONS ARCTIC ARCTIQUE SABINE E 1824 DISTRIBUTION REPARTITION SABINE E 1824

LOLIGO SP

NAMES APPLIED NOMS EMPLOYES
LOLIGO SP
GARDISLE A H 1927 BIRKELAND, C 1974

MARINE
RELIGIONS
PERLIGIOLE GARDINER A H 1927 BIRKELAND, C 1974

PERLIGIONAL TO EVELOPPEMENT
LOCARDINER A H 1927
FOLICARDINER A H 1927

FOLICARD A LOLICAL

BIRKEL AND, C 1974

BIRKEL AND, C 1974

OUTOPUS SP

NAMES APPLIED/NOMS EMPLOYES

OCTOPUS SP

HANNAG D. HERTLEIN 1959 SPARKNAK PEREYRA 1966 WING BI REID 1972 ARMSTRONG JW, E.I. AL. 1976 EEDER, H.M., JEWETT 1977 LEE, JC., BOURNE 1977

SMITH, J. 1977 CALKINN DG 1978 SMITH, JE 1978, 1979 BREKN, PA 1990 LOWRY, L.F.,
HATCHAN 1983 SAUNDERS, M.W., E.I. AL. 1984 LEAMAN, J.F. 1986

PINNOT 1981 SP

PINNOT 1981 SP

PLEWII 1873

MARINE

REGIONS
ATLANTIC ATLANTIQUE SANLO FO.D.D. 1982
ARTIC VRC HQUE DALLWH 1873 SPARKS, AK PEREYRA 1966 FEDER HM., JEWL FI.
1977 LOWBY, J. F. RONT, 198B SLAMAN, G., R. L. AL. 1982.
PACHEC PACHEQUE, HANSAG, D. HERTLEIN, 1959. WING, B. L., REID. 1972. ARMSTRONG, W. E. T. AL. 1978. L. EL, J. C., BOKRE, 1975. WING, B. L., REID. 1972. ARMSTRONG, W. E. T. AL. 1978. L. EL, J. C., BOKRE, 1978. WING, B. L., REID. 1979. CALKIAS D.G. 1978.
SAL KOJENSAW, E. T. A. 1984. L. EAMAN, J. E. LEB, K. W. 1981. HATCH, S.A. 1981.
DYRRIBETION, REPARTITION.

DALLWH 1873 HANNAG D, HERTLEIN 1959 SPARKS, A.K., PEREYRA 1964 LEDER, H.M., JEWETT 1977 LEE, J.C., BOLRNE 1977 SAUNDERS, M.W., E.T. AL. 1984 E.COLLOGY ECOLLOGIE

WING,B I. REID 1972 ARMSTRONG, J.W., E.F.AL 1976 LEE,J.C., BOURNE 1977 CALKINS DG 1978 BREEN,PA 1980 LOWRY,L.F., FROYI 1981B PITCHER K.W. 1981 NAMEOTO,D.D. 1982 SEAMAN,G.A., E.I. AL 1982 HATCH, A. 1983

FISHERIES, PECHERIES SMITHJ 1977 SMITHJE 1978, 1979 LEAMANJE 1986 MORPHOLOGY MORPHOLOGIE

DALL-W H 1873

OMMASTREPHES SP

NAMES APPLIED NOMS EMPLOYES OMNASTREPHES SP

PACKARD, A S. 1863 FREMBLAY, J.-L. 1948A POWLES, P.M. 1958

MARINE REGIONS

ALLANTIC ATLANTIQUE PACKARD AS 1863 TREMBLAY J.-L. 1948A POWLES P.M. 1958 DISTRIBUTION REPARTITION

PACKARD, AS 1863. ECOLOGY ECOLOGIE

TREMBLAY, J.-1. 1948A POWLES P.M. 1958

RESIDENTIAL DARK LONDED LAI 1849

ANNOTATIONS

- Fifteen nominal species have been named to the genus Architeuthis, but the systematics of the group is still thoroughly confused. Species identification should be withheld until a complete revision of the genus is available.
- 2. Validity of the species is uncertain. The genus *Brachtoteuthis* is undergoing revision.
- 3. Validity of Leachia lemur is uncertain. The genus is undergoing revision.
- 4. Alloteuthis media is not a western Atlantic species. This record probably refers to Illex illecebrosus or Loligo pealer.
- 5. Loligo forbesi is not a western Atlantic species. The record probably refers to Loligo pealer.
- 6. Illex coindettii is not a Canadian species although it does occur as far north as 27° N in the western Atlantic. This record probably refers to Illex illecebrosus.
- 7. Todarodes sagittatus sagittatus is not a North American species. This identification probably combines records of Illex sp. and Ommastrephes sp.
- 8. Sepia officinalis is not a Canadian species. This record represents cuttlebone only.
- 9. Sepia does not occur in Canadian Arctic waters. This record probably refers to a Sepiolidae.
- 10. Tremoctopus does not occur in Canadian Arctic waters. This record probably refers to an Octopodidae.
- 11. Loligo sepiola is a synonym of Sepiola rondeleti, a European species not found in Canadian waters. This record probably refers to a Rossia sp.

ANNOTATIONS

- Architeuthis contient 15 espèces nominales, mais le systematique de ce genre est encore bien embrouillé. Donc, on ne doit pas les identifier au niveau de l'espèce avant une revision consciencieuse du genre.
- 2. La validité de l'espèce est en question. Le genre Brachioteuthis est en cours d'une revision.
- 3. La validité de Leachia lemur est en question. Le genre est en cours d'une revision.
- Alloteuthis media n'est pas une espèce de l'Antlantique occidental.
 Cette observation concerne probablement Illex illecebrosus ou Loligo beales.
- 5. Loligo forbesi n'est pas une espèce de l'Atlantique occidental. Cette observation concerne probablement Loligo pealei.
- 6. Illex coindetti se retrouve seulement jusqu'à 27° N dans l'Atlantique occidental et n'est pas une espèce canadienne. Cette observation concerne probablement Illex illecebrosus.
- 7. Todarodes sagittatus sagittatus n'est pas une espèce nord-americaine. Cette identification joint probablement des observations d'Illex sp. et d'Ommastrephes sp.
- 8. Sepia officinalis n'est pas une espèce canadienne. Cette observation signale seulement un os de seiche.
- 9. Sepia ne se trouve pas en eaux arctiques du Canada. Cette observation concerne probablement une espèce des Sépiolidés.
- 10. Tremoctopus ne se trouve pas en eaux arctiques du Canada. Cette observation concerne probablement une espèce des Octopodidés.
- 11. Loligo sepiola est synonyme de Sepiola rondeleti, une espèce européenne qu'on ne trouve pas au Canada. Cette observation concerne probablement une espèce de Rossia.



ACKMAN, R.G., SIPOSJC. 1965 ISOLATION OF THE SATURATED FATTY ACIDS OF SOME MARINF LIPIDS WITH PARTICLEAR REFERENCE TO NORMAL ODD-NUMBERED FATTY ACIDS AND BRINCHID-CHAIN FATTY ACIDS COMP BIOLHEM PHYSIOL IS 445-46

MOLLUSCA (CEPHALOPODA), ATLANTIC

ANIMUSHKIN, I.I. 1963 CEPHALOPODS OF THE SEAS OF THE USSR TR INST OKEANOL AKAD NAUK SSSR. (ISRAEL PROG. SGI. TRANSL. IERUSALEM. (1965) 1-223,60 FIG. 17 TAB.)

MOLLUSCA (CEPHALOPODA). ATLANTIC ARCTIC PACIFIC

ALDRICH, F.A. 1964(MS) OBSERVATIONS ON THE NEWFOUNDLAND BAIT SQUID (ILLEX ILLECT-BROSUS LENDEUR, 1821) AND THE NETTING OF SQUID IN NEWFOUNDLAND BAYS SPECIAL REPORT TO CAN DEP FISH IND DEY SERV (1964) 1-22

MOLLUSCA (CEPHALOPODA) - ATLANTIC

ALDRICH, F.A., ALDRICH,M.M. 1968 ON REGENERATION OF THE TENTACULAR ARM OF THE GLANT SQUID ARCHITELTHIS DUX STEENNTRUP (DECAPODA, ARCHITEUTHIDAE) CAN J. ZOOL. 49, 845,887.3 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOLNDLAND)

AI DRICH, F.A., LU,C.C. 1968A ON AN OCTOPOD FROM PLACENTIA BAY NEWFOUNDLAND VELIGER, 1170-71, 1 PL

MOLLUSCA (CEPHALOPODA). ATLANTIC (NEWFOLNDLAND)

ALDRICH, F.A., LU,C.C. 1968B REPORT ON THE LARVA, EGGS, AND EGG MASS OF ROSSIA SP (DE-CAPODA, CEPHALOPODA) FROM BONAVISTA BAY, NEWFOUNDLAND CAN J ZOOL 46 369-371, 4 FIG.

MOLLUSCA PORIFERA, ATLANTIC (NEWFOUNDLAND)

ALDRICH, F.A., LU,C.C. 1968C. A RECONSIDERATION OF FORMS OF SQUID OF THE GENUS ILLEX (ILLICINAE. OMMASTREPHIDAE) IN NEWFOUNDLAND WATERS. CAN. J. ZOOL. 46.815-818, 3. FIG.

MOLLUSCA (CEPHALOPODA). ATLANTIC

AMARATUNGA, T. 1980A(MS) PRELIMINARY ESTIMATES OF PREDATION BY THE SHORT-FINNED SQUID (ILLEX ILLECEBROSUS) ON THE SCOTIAN SHELF NORTHWEST ATL FISH ORGAN SCR DOC 31(N003) 1-13, 4 FIG., 1 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

AMARATUNGA, T. 1980B(MS) GROWTH AND MATURATION PATTERNS OF THE SHORT-FINNED SQUID (ILLEX ILLECEBROSUS) ON THE SCOTIAN SHELF NORTHWEST ATL FISH ORGAN SCR DOC 50(N062)-1-7, FIG. 4 TAB

MOLLUNCA (CEPHALOPODA): ATLANTIC (NOVA SCOTIA)

AMARATUNGA, T. 1981A. THE SHORT-FINNED SQUID (ILLEX ILLECEBROSUS) FISHERY IN EAST-ERN CANADA J SHELLFISH RES 1 143-152

MOLLUSCA (CEPHALOPODA), ATLANTIC

AMARATUNGA, T. 1981B(MS) BIOLOGY AND DISTRIBUTION PATTERNS IN 1980 FOR SQUID, IL-LEX ILLECEBROSUS, IN NOVA SCOTIAN WATERS NORTHWEST ATL FISH ORGAN SCR DOC 3(N)181)-10, 2 FIG. 3 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

AMARATUNGA, T. 1981C(MS) SUMMARY OF LARVAL-JUVENILE SURVEYS IN NOVEMBER 1980 AND JANUARY 1981 IN SUBAREA 4 NORTHWEST ATL FISH ORGAN SCR DOC 39(N321) 1-15, 6 FIG. 5 TAB

MOLEUSCA (CEPHALOPODA). ATLANTIC

AMARATUNGA, T. 1981D(MS) PRELIMINARY UPDATE OF ILLEX ILLECEBROSUS MORPHOMET RICS IN SCHARE 1 4 FOR 1980 NORTHWEST ATL FISH ORGAN SCR DOC 84(N177) 1-10, 4 FIG. 3

MOLLUSCA (CEPHALOPODA). ATLANTIC

AMARATUNGA, T. 1982(MS) POPULATION STRUCTURE OF THE SQUID ILLEX ILLECEBROSUS NORTHWEST ATL FISH ORGAN SCR DOC 104(NoT) 1-18, 5 FIG

MOLLUSCA (CEPHALOPODA), ATLANTIC

AMARATUNGA, T. 1983 THE ROLE OF CEPHALOPODS IN THE MARINE FCOSYSTEM IN CADDY, JF (ED) ADVINGES IN ASSESSMENT OF WORLD CEPHALOPOD RESOURCES FAO FISH TECH PAP 231 379-415, 4 FIG. 5 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC

AMARATUNGA, T., BUDDEN,F. 1981(MS) PRE-SEASON DISTRIBUTION AND ABUNDANCE OF SQUID ILLEX ILLECEBROSUS ON THE SCOTIAN SHELF, 1981 NORTHWEST ATL FISH ORGAN SCR DOC 100(M)999)-1-0, 1 FIG. 10 1 AB

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

AMARATUNGA, T., BUDDEN,F. 1982(MS) ALLOMETRY ON SQUID (ILLEX ILLECEBROSUS). NORTHWEST ATL FISH ORGAN SCR DOC 28(N516) 1-21, 9 FIG., 3 TAB

MOLLUSCA (CEPHALOPODA). ATLANTIC

AMARATUNGA, T., DURWARD,R.D. 1979 STANDARDIZATION OF DATA COLLECTION FOR THE SHORT-FINNED SQUID, ILLEX ILLECEBROSUS INT COMM NORTHWEST ATL FISH SEL PAP 5.32-41.

MOLLUSCA (CEPHALOPODA). ATLANTIC

AMARATUNGA, T., DURWARD,R.D., ROBERGE,M., WOOD,L. 1978(MS) POPULATION STRUCTURE OF ILLEX ILLEC'EBROSUS IN THE SCOTLAN SHELF FISHING AREAS IN 1977 INT COMM NORTH-WEST ATL FISH RES DOC 2(5154)1-12

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

AMMARATUNCA, T., KAWAHARA,A., KONO,H. 1979(MS). MESH SELECTION OF THE SHORT-FINNED SQUID. ILLEY ILLECEBROSUS, ON THE SCOTIAN SHEELE USING A BOTTOM TRAWL A JOINT CANADA-JAPAN 1978 RESEARCH PROGRAM. INT. COMM. NORTHWEST ATL FISH RES. DOC

MOLLUSCA (CEPHALOPODA). ATLANTIC (NOVA SCOTIA)

AMARATUNGA, T., MCQUINN,LH. 1979(MS) ABUNDANCE ESTIMATION OF ILLEX ILLECEBRONUS DURING THE JOINT CANADA-JAPAN SELECTIVITY RESEARCH PROGRAM ON THE SCOTIAN SHELE IN 1978 INT COMM NORTHWEST ATL. FISH RES. DOC 166/15021-17

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

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NNELIDA BRACHIOPODA BRAOZOA UNDARIA CRUSIACEA CIENOPHORA ECHI-NODERVIAL FUTIR A MOLLOVA NEMIADDA NEMERILA PHORONIDA PLATI-HEMINTHES PORIFERA ROTTEFRA SPPINCULA TUNICATA, BRITISH COLUMBIA PLA CENTRE COLUMBIA PA

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ANNELIDA CNIDARIA CRUSTACTA ECHINODERNIAIA ECHIURA GASTROTRICHA KI-NORHYNCHA MOLLUCA NEMERTEA PLATATILI MINTHES PORITERA TUNICATA, PACIFIC (BRITISHI COLLABIE)

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ANNELIDA BRACHIOPODA BRAOZOA CHELICERATA CNIDARIA CRIVIACEA EGHI.
NODERMATA HENNICHORDATA MOLUUSCA NEMATODA NEMRETEA PHORONIDA
PLATVHILIMINTHES PRIAPULIDA PYCNOGONIDA SIPUNCULA TUNICATA, AFLANTIC
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CADDY, JF 1970B RECORDS OF ASSOCIATED FAUNA IN SCALLOP DREDGE HAULS FROM THE BAY OF FUNDY FISHERES BOARD CAN TECH REP 225 L-11, 10 FIG.

ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PORIFFRA TUNICATA, ATEANTIC (BAY OF FUNDY)

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CRUSTACEA ECHINODERMATA MOLLUSCA PORIFERA, ATLANTIC

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BRACHIOPODA MOLLESCA, ATLANTIC (GULF OF ST. LAWRENCE)

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ANNELIDA CNIDARIA CRUSTACEA CHAETOGNATHA MOLLUSCA TUNICATA; ARCTIC (BERING SEA)

COONEY, R.T. 1981 BERING SEA ZOOPLANKTON AND MICRONEKTON COMMUNITIES WITH EAM.
PHASIS ON ANNUAL PRODUCTION IN HOOD LOW & J. ACALDER (ROS) THE EASTEN BERING.
SEA -HELF OCEANOGRAPHY AND RESOURCES VOLUME 2 NOAA OFF MAR POLLUT ASSESS
947-974, J. B FIG. J. APP

ANNELIDA CHAETOGNATHA CNIDARIA CRUSTACEA CTENOPHORA MOLLUSCA TUNICATA, ARCTIC (BERING SEA)

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(SIC) STN BIOL MAR GRANDE-RIVIERE QUE RAPP ANNU (1952) 13-18-2 PL

CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC (GULF OF ST. LAWRENCE)

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(SIC) STN BIOL MAR GRANDE-RIVIERE OUE RAPP ANNU (1953) 48-59, 2 FIG.

ANNELIDA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC

CORNWALL, I.E. 1928 COLLECTING AT CACHALOT WHALING STATION CAN FIELD-NAT 42 9-12

CNIDARIA GRUSTACEA MOLLUSCA, PACIFIC (VANCOUVER ISLAND)

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FISHERY AND MANAGEMENT OF THE RESOURCE 1 SHELLFISH RES 1 137-142, 2 FIG

MOLLUSCA (CEPHALOPODA): ATLANTIC (NEWFOUNDLAND)

DAWE, E.G. 1981B. OVERVIEW OF PRESENT PROGRESS TOWARD AGEING SHORT-FINNED SQUID (ILLEX ILLECEBROSUS) USING STATOLITHS J SHELLFISH RES 1 193-195

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DAWE, E.G., BECK,P.C. 1980(MS) ASSESSMENT OF THE SHORT-FINNED SQUID (ILLEX ILLECCE-BROSUS) IN SUBAREA 3 FOR 1979 NORTHWEST ATL FISH ORGAN SCR DOC. 35(N066)1-13, 6 FIG. 5 TAB

MOLLUSCA (CEPHALOPODA); ATLANTIC (NEWFOUNDLAND)

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DAWE, E.G., HLLLY, G.R., MOORES, LA. 1981/MS). AN FANMINATION OF THE ISLLET ACT OF SQUID-HULY HLLCEBRONUS ON RIGHT HARM IN NEVERAL FINITH FOR YOUR OFF ENVIRON MY LOWEDD AND LABRATION. NORTHWEST ATTERS FOR AN ACCOUNT HA

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DAWSON, LW 1888A A WEEK IN GASPE CAN NAT GEOL 3 321-331-2 FIG.

ANNELIDA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC (GULF OF STEAWRENCE).

DE CHAMPLAIN, A. 1925 LES MOLLUSQU'ES DE LA REGION DE RIMOUSKE NAT (AN (QUE) 53-121-127

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ANNI-LIDA BRACHIOPODA BRYOZOA CHALLOGNATHA GNIDARIA GRUSTACEA FCHINODERMATA MOLLUSCA PORTERA PACNOGONIDA TUNICATA, ATLANTIC (GULF DI ST. LAWRENG)

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MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

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MOLLUSCA (CEPHALOPODA), ATLANTIC

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MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWLOLNDLAND)

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MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

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MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

DUPOUY, H., MINET J.P. 1982A(MS) CATCH, FFFORT AND BIOLOGICAL CHARACTERISTICS OF SQUID (ILLEX ILLECTBROSUS) IN THE FRENCH INSHORE FISHERY (SUBDIV 3PS) IN 1981 NORTHWEST ATLEFISH ORGAN SOR DOC 19(NSO) 1-6, 3 FIG. 2 TAB

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CRUSTACEA MOLLUSCA, ATLANTIC (NEWFOUNDLAND)

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 TISCANAL, SHELF EINTROMNERIAL ASSISSMENT PROGRAMS ENVIRONMENT LE ASSISSMENT
 OF THE ALASKAN CONTINENTY SHELF. FINAL REPORTS OF PRINCIPAL INVESTIGATORS VOIUNILE REGUEGICA SHELDER SWESSES SHELD FARD.
 - ANNELDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA ECHTURA MOLLUSCA PORTERA PRIAPULIDA SIPUNGULA TUNICATA ARCTIC
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JOHANSEN, F. 1926B FISHES COLLECTED IN NEWFOUNDLAND DURING THE AUTUMN OF 1922 CAN FIELD-NAT 40 1-6 33-36 6 FIG.

CNIDARIA GRUNIACEA ECHINODERMATA MOLLUSCA, NEWFOLDDLAND / ATLANTIC

JOHNSON, C.W. 1934 LIST OF MARINE MOLLUSCS OF THE ATLANTIC COAST FROM LABRADOR TO TEXAS PROF BOSTON SOC NAT HIST 40 (-20)

MOLLUSCA, A PLANTIC

JONES, B.C., GEEN,G.H. 1977 FOOD AND FLEDING OF SPINY DOGETSH (SQUALUS ACANTHIAS) IN BRITISH COLUMBIA WATERS — J. FISH. RES. BOARD CAN. 34 2067-2078, 7 FIG., 6 TAB.

CRUSTACEA CTENOPHORA MOLLUSCA, PACIFIC

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MOLLUSCA (CEPHALOPODA). A FLANTIC

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MOLLUSCA (CEPHALOPODA), A FLANTIC

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CRUSTACEA ECHINODERMATA MOLLUSCA, PACIFIC (VANCOUVER ISLAND)

KAWAHARA, S. 1979(MS) OPTIMUM RATE OF EXPLOITATION AND VIRTUAL POPULATION ANALYSIS FOR SHORT-FINNED SQUID, ILLEX ILLECEBROSUS, IN SUBAREAS 3 AND 4 INT COMM NORTHWEST ATT. FISH RES DOC 21(5347):1-10

MOLLUSCA (CEPHALOPODA), ATLANTIC

KAWAHARA, S. 1983(MS) A REVIEW OF THE JAPANESE TRAWI. FISHERY FOR SQUID (ILLEX IL-LECEBROSUS) IN NAFO SUBAREAS 3 AND 4 IN 1976-1982 FISHING SEASONS NORTHWEST ATL FISH ORGAN SCR DOC 25(M576) 1-5, FIG. 1 TAB

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KE, P.J., CEN'ANTESE, SMITH-LALLB, HIRTLER.W. 1983 FREMINESS PRESERVATION OF CANA-DIAN ATLINITIC CRAR ("EllIONOECETES OPILLO), SCALLOP ((PLACOPPCTEN MAGELIANICLS), SQUID (ILLEX ILLECEBROSUS) AND SEA CUCUMBER (CUCUMARIA FRONDOSA). CAN IND REP FISH AQUAT SCI 191-149, 6 FIG.

CRUSTACEA MOLLUSCA ECHINODERMATA, ATLANTIC

KE, P.J., FIERHELLER,M., WOYEWODA,A.D., LEMON,D.W. 1979 SQUID DRYING, QUALITY ASSUR-ANCE AND RELATED OPERATIONS. CAN FISH MAR NERV TECH REP 9001-12, 4 FIG.

MOLLUSCA (CEPHALOPODA). ATLANTIC.

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MOLLESCA (CEPHALOPODA). ATLANTIC

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MOLLUSCA (GERHALOPODA). ATLANTIC (NEWFOUNDLAND)

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MOLLUSCA (CEPHALOPODA). ATLANTIC

KOELLER, P.A., LEGRESLEY,M. 1981 ABUNDANCE AND DISTRIBUTION OF FINFISH AND SQUID TROM E EPRING. TRAWL SURVEYS IN THE SOUTHERN GULF OF ST. LAWRENCE. 1970-79 CAN TEGLI REP. BISH, ADULT SCI. 1028-154, 46-FIG. 4.128

MOLLUSCA (CEPHALOPODA). A FLANTIC (GULF OF ST. LAWRENCE).

KONOVALOV, E.I., NIGMATULLIN,CH.M. 1982(MS) USSR FISHERY FOR THE SHORTFIN SQUID IN SUBJREA 4, 1981 NORTHWEST ATU FISH ORGAN SCR DOC. 15(N503) 1-4

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MOLLUSCA (CEPHALOPODA), ATLANTIC

KRISTENSEN, T.K. 1982 MULTIVARIATE STATISTICAL ANALYSIS OF GEOGRAPHIC VARIATION IN THE SQUID GONATUS FABRICH (LICHTENSTEIN, 1818) (MOLLUSCA CEPHALOPODA) MALACOLOGIA, 22 581-586, 1 FIG. 2 TAB

MOLLUSCA (CEPHALOPODA). ATLANTIC

KYTE, M.A., COURTNEY,G.W. 1977 A FIELD OBSERVATION OF AGGRESSIVE BEHAVIOR BETWEEN TWO NORTH PACIFIC OCTOPUS, OCTOPUS DOFLEINI MARTINI VELIGER, 19 427-428, 4 FIG.

MOLLUSCA (CEPHALOPODA). PAGIFIC (PUGET SOUND)

LALANCETTE, L.-M. 1984 CROISSANCE, REPRODUCTION ET REGINE ALIMENTAIRE DE LA MO-RUE, GADUS MORHUA, VIVANT DANS LE FJORD DU SAGUENAY, AU QUEBEC CAN FIELD-NATO 88 305-314 8 FIG.

CRUSTACEA MOLLUSCA, ATLANTIC (GULF OF ST LAWRENCE)

LAMBERT, D.G. 1960 THE FOOD OF THE REDFISH SEBASTES MARINUS (L) IN THE NEWFOLND-LAND AREA 1 FISH RES BOARD CAN 17 235-243

CRUSTACEA MOLLUSCA, ATLANTIC

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AND FUTURE PROSPECTS IN INVENTORY OF THE NATURAL RESOURCES OF BRITISH COLUMBIA 3 HE DE BR COLUME NAT RES COMP. VICTORIA 194-26.

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CRUSTACEA MOLLUSCA, PACIFIC

LEDOYER, M. 1975A LES PEUPLEMENTS BENTHIQUES CIRCALITTORAUN DE LA BAIE DES CHA-LEURS (GOLFE DU SAINT-LAURENT) TRAV. PECH. OUE. 12 1-141, 37 FIG. 5 APP.

ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA DINICATA ATLANTIC (CULE DE ST. LAWRENCE)

LEDOYER, M. 1975B LES PEUPLEMENTS BENTHIQUES DES FONDS DE BAIE ET LES GRANDS AS-PECTS BIONOMIOU EN DE LA BAIE DES CHALEURS TRAV PECH QUE 43 1-35. H FIG. 4 APP

ANNELIDA BRACHIOPODA CNIDARIA CRUNTACEA ECHINODERMATA MOLLUSCA TUNICATA ATLANTIC IGULE OF ST. LAWRENCE)

LEDOYER, M. 1975C APERCU SUR LE PEUPLEMENT BENTHIQUE DES VASES PROFONDES DU DE-TROIT DE GASPE (GOLET DU SAINT-LAURENT) - TRAV-PECH, QUE, 44-1-27, 3 FIG, 3 APP

ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PORIFERA PYCNOGONIDA SIPLNCULA TUNICATA, AFLANTIC (GULF OF ST LAWRING E)

1EE, J.C., BOURNE, N. 1977 MARINE RESOURCE INVENTORY OF PACIFIC RIM NATIONAL PARK - 1976 CAN FISH MAR SERV MS REP. 1436 1-375, 40 FIG. 2 APP. 35 TAB

ANNELIDA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA NE-MERTEA PORIFERA SIPUNCULA TUNICATA, PACIFIC (VANCOUVER ISLAND)

LEIM, A.H. 1926 SOUID PURSUING HERRING CAN FIELD-NAT 40:64-65

MOLLUSCA (CEPHALOPODA). ATLANTIC (BAY OF FUNDY)

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MOLLUSCA (CEPHALOPODA), ATLANTIC

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MOLLUSCA (CEPHALOPODA), ATLANTIC

LIPINSKI, M. 1973 - THE PLACE OF SQUIDS IN THE BIOLOGICAL AND FISHERY STRUCTURE OF THE WORLD OCEANS IN LIPINSKI, M. (ED) SQUID SYMPOSIUM, 5-9 (JUNE 1973, GDYNIA) - SEA FISH INST., GDYNIA 4-13 - (TRANSLATED FOR NATIONAL MARINE FISHERIES SERVICE, WASH-INGTON, D.C.)

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LIPINSKI, M. 1978A(MS) STOCK ASSESSMENT OF ILLEX ILLEC EBROODS (LESUEUR, 1821) IN ICNAL DIV 4W, DETERMINED BY AREA-DENSITY METHOD INT. COMM. NORTHWEST ATL. FISH RES. DOC: 10(5162) 1-2.

MOLLUSCA (CEPHALOPODA), ATLANTIC

LIPINSKI, M. 1978B(MS) THE AGE OF SQUIDS, ILLEX ILLEC EBROSUS (LEST EUR), FROM THEIR STATOLITHS INT COMM NORTHWEST ATL FISH RES DOC 15(5):671-4

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LIPINSKI, M. 1979(MS) ASSESSMENT OF ILLEY HILLEGEBRONUS (LESULUR 1920-NIOUKS IN ICNAL DIV. 4W. DETERMINED BY AREA-DENSITY METHOD. IN F. COMM. NORTHWEST ALL FISH RES. DOC. 375360-11-2.

MOLLUSCA (CEPHALOPODA), ATLANTIC

LIPINSKI, M. 1980AMS) ASSESSMENT OF THE SQUID (ILLEX ILLECEBROSUS) STOCK IN DIVISION AW BY AREA-DENSITY METHOD. NORTHWEST ATL. FISH. ORGAN, SCR. DOC. 29(N055) 1-10, 1 FIG., 1 TAB.

MOLLUSCA (CEPHALOPODA). ATLANTIC

- LOWRY, LE, FROST, M.J. 1981B FEEDING AND TROPHIC RELATIONSHIPS OF PHOGED SALS AND WARRUNGS IN THE EASTERN BERING SEA IN HOOD, DW & J ACALDRE (DA) THE EASTERN BERING SEA IN HOOD, DW & J ACALDRE (DA) THE EASTERN THE SEASON OF TH
- ANNELIDA CRUSTACEA ECHINODERMATA ECHIURA MOLLUSCA PRIAPULIDA, ARC-TIC (BERING SEA)
- MACALASTER, E. 1977(MS) CEPHALOPODS IN THE NOVA SCOTIA MUSEUM COLLECTION NOVA SCOTIA MUS CURATORIAL REP. 331-26, 2 FIG.

MOLLUSCA (CEPHALOPODA). ATLANTIC

MACALASTER, E.G. 1981 DARK-WATER OCTOPUS SEA FRONTIERS, 27 78-81

MOLLUSCA (CEPHALOPODA). ATLANTIC

MACASKIE, I.B. 1971 A RANGE EXTENSION FOR THE SQUID ABRALIOPSIS (WATASENIA) FELIS 1 FISH RES BOARD CAN 28 620-621

MOLLUSCA (CEPHALOPODA), PACIFIC (VANCOUVER ISLAND)

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ANNELIDA BRACHIOPODA BRIVIZOA CHAETOGNATHA CNIDARIA CRUSTACEA CTENDPHORA ECHINODEBARIA ECHIRO ENTOPROCTA MOLLUSCA NEMATACEA NEMERIEA PLATHELAINTHES PORIFER PRIAPULIDA PYCNOGONIDA VEJINCULIA CUNICATA. AGETICI (BERA PORI SEA)

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MANGOLD, K., LU,C.C., ALDRICH,F.A. 1969 A RECONSIDERATION OF FORMS OF SQUID OF THE GENUS ILLEX (ILLICINAE, OMMASTREPHIDAE) 2 SEXUAL DIMORPHISM CAN J ZOOL 47 1153-1156 4 FIG.

MOLLUSCA (CEPHALOPODA). ATLANTIC

MANN, T.W., MARTIN, A.W., LUTWAK-MANN, C., THIERSCH, J.B. 1977 GLYCOGENOLANIS IN OCTOPUS SPERMATOZOA | EXP. MAR. BIOL. ECOL. 27 155-159, 2 FIG.

MOLLUSCA (CEPHALOPODA). PACIFIC (PUGET SOUND)

MARI, A., DOMINGUEZR. 1980(MS) BIOMASS ESTIMATES OF SQUID (ILLEX ILLECEBROSUS) IN DIVISIONS 4VW, 1979 NORTHWEST ATL FISH ORGAN SCR DOC 7(NO.4) 1-7, 4 FIG. 2 FAB

MOLLUSCA (CEPHALOPODA). ATLANTIC

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MOLEUSCA (CEPHALOPODA), ATLANTIC

MARI, A., VALDES, E., DOMINGUEZ, R. 1979(MS) ABUNDANCE ENTIMATES AND FISHING MORTALI-TY RATES OF SQUID (ILLEX ILLEGEBROSUS) IN SUBAREAS 3 AND 4 INT. COMM. NORTHWEST ALL, FISH RES. DOC. 8(333) 1-8.

MOLLUSCA (CEPHALOPODA), ATLANTIC

MARTIN, A.W., ALDRICH, F.A. 1970 COMPARISON OF HEARTS AND BRANCHIAL HEART APPENDAGES IN SOME GEPHALOPODS CAN 1 ZOO1 48 751-756, 3 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC PACIFIC

MATHER, J.A., O'DOR, R.K. 1984 SPATIAL ORGANIZATION OF SCHOOLS OF THE SQUID ILLEX IL-LECEBROSUS MAR BEHAV PHYSIOL 10 259-271

MOLLUSCA (CEPHALOPODA). ATLANTIC

MAXIM, C. 1980A(NS) POPULATION STRUCTURE OF ILLEX ILLEGEBROSUS ON THE SCOTIAN SHELE IN THE SUMMER OF 1979 NORTHWEST ATL FISH ORGAN SCR DOC 2(N028) 1-7, 3 FIG. 3 LAB

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

MAXIM, C. 1980B(NIS) STOCK ASSESSMENT OF ILLEX ILLECEBROSUS IN DIVISION 4W BASED ON THE AREA DENSITY METHOD. NORTHWEST ATL. FISH. ORGAN. SCR. DOC. 3(N029) 1-2, 1 FIG., 1

MOLLUSCA (CEPHALOPODA), ATLANTIC

MAXWELL, B.E. 1952 THE DISTRIBUTION OF VITAMIN BLZ-ACTIVE SUBSTANCES IN SOME MA-RINE INVERTEBRATES OF BRITISH COLUMBIA J FISH RES BOARD CAN 9 164-168

ANNELIDA CRUSTACEA ECHINODERMATA MOLLUSCA, PACIFIC (STRAIT OF GEORGIA)

MCDANIEL, N.G. 1973 A SURVEY OF THE BENTHIC MACROINVERTEBRATE FAUNA AND SOLID POLLUTANTS IN HOWE SOUND. FISH RES BOARD CAN TECH REP 385 1-64, 8 FIG.

ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PORIFERA TUNICATA, PACIFIC (STRAIT OF GEORGIA)

MCDANIEL, N.G., LEVINGS, C.D., GOVETTE, D., BROTHERS, D. 1978 OTTER FRAWL CATCHES AT DIS-RUPTED AND INTACT HABITATS IN HOWE SOUND, JERVIS INLEET, AND BUTE INLET, B.C., AU-GUST 1976 TO DECEMBER 1977 C. AN FISH MAR SERV DATA REP 921-79, 3 FIG.

ANNELIDA CNIDARIA CRUSTACEA ECHINODERMATA ECHIURA MOLLUSCA PORIFERA TUNICATA, PACIFIC (STRAIT OF GEORGIA)

MCFARLANE, G.A., BEAMISH,R.J., SAUNDERS,M.W., SMITH,M.S., BUTLER,T. 1984 DATA FOR THE BI-OLOGY AND DIET STUDIES OF SPINY DOGFISH (SQUALUS ACANTHIAS) IN HECATE STRAIF, B.C. AUGUST 1977 AND JUNE 1978 CAN DATA REP. FISH AQUAT NOT 4431-440, 8 FIG. 9 APP.

CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PORIFERA TUNICATA, PACIFIC (BRITISH COLUMBIA)

MERCER, M.C. 1965(MS) CONTRIBUTION TO THE BIOLOGY OF THE MIGRE-FINNED SQUID, IL-LEN ILLECTBRONES ILLECTBRONES (LENGLUR) IN THE NEWFOUNDLAND AREA FISH RES BOARD CON MISRIE PRIOT 18 44 16 6 8 FIG.

MOLLUSCA (CERHALOPODA). ATLANTIC ASSAULOLADI AND

MERCER, M.C. 1966 FIRST RECORD OF PARGOPSIS LEMUR (CEPHALOPODA, CRANCHIIDAE) FROM THE NORTHWEST ATLANTIC TATISHERES BOARD CAN 23 1257-1258

MOLLESCA (CEPHALOPODA) - ALLAN LIC (NEWFOLNDEAND)

MERCER, M.C. 1968. A SYNOPSIS OF THE RECENT CEPHALOPODA OF GANADA. SYMP SER MAR-BIOL ASSOC INDIA 3(1):265-276. LTIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC ARCTIC PACIFIC

MERCER, M.C. 1969 A T.CAMERON CRUISE 119, OFTER TRAWL SURVEY FROM SOUTHERN NOVA SCOTIA TO CAPE HATTERAS, MARCHAPRII, 1967 FISH, RES. BOARD CAN TECH, REP. 103.1-24. A FIG.

CRUSTACEA MOLLUSCA, ATLANTIC (NOVA SCOTIA)

MERCER, M.C. 1970B SUR LA LIMITE SEPTENTRIONALE DU CALMAR LOLIGO PEALEL LE-SUEUR NAT CAN (QUE.) 97.823-824

MOLLUSCA (CEPHALOPODA), A FLANTIC

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MOLLUSCA (CEPHALOPODA). A FLAN FIG

MERCER, M.C. 1973A NOMINAL CATCH OF SQUID IN CANADIAN ATLANTIC WATERS (SUBAREAS 2-4), 1920 TO 1968 INT. COMM. NORTHWEST ATL. FISH. REDB. PART 3 (53-16)

MOLLUSCA (CEPHALOPODA). ATLANTIC

MERCER, M.C. 1973B(MS) SEXUAL MATURITY AND SEX RATIOS OF THE OMMASTREPHID SQUID, ILLEX ILLEXEBROUS (LEVEUR), AT NEWTOUNDLAND (SUBAREAS 3) INT COMM NORTH WEST ALL FIMERS DOC 710233-1-14

MOLLUSCA (CEPHALOPODA), A FLANTIC (NEWFOUNDLAND)

MERCER, M.C. 1973C(MS) LENGTH-WEIGHT RELATIONSHIPS OF THE OMMASTREPHID SQUID ILLEX ILLECEBROSUS (LESUEUR) INT. COMM. NORTHWEST ATL. FISH. RES. DOC. 72(3024) 1-2

MOLLUSCA (CEPHALOPODA). ATLANTIC

MERCER, M.C. 19710/MS). DISTRIBLTION AND BIOLOGICAL CHARALTERISTICS OF THE ON-MASTREPHID SQUID, ILLEAN ILLECEBROOMS (LESUEVIC) ON THE GRAND BANK S. PERKER, BANK AND NOVA SCOTIA SHELF SUBAREAS I AND 41 AS DELI BRINKED BY OTTER-TRAWL MUR-VENS, 1970-TO 1972. INT COMM NORTHWEST AT LESTH RES DOC 790(31) 1-11.

MOLLUSCA (CEPRALOPODA). ATLANTIC

MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

MERCER, M.C. 1975 MODIFIED LESLIE-DELURY POPULATION MODELS OF THE LONG-FINNED PILOT WHALE (GLOBICEPHALA MALAENA) AND ANNUAL PRODUCTION OF THE

SMORT-FINNED SQUID (ILLEX ILLECEBRONUS) BASED UPON THEIR INTERACTION AT NEW-FOUNDLAND. I FISH RES BOARD CAN 32 H45-H54 2 FIG.

MOLLUSCA (CEPHALOPODA) - ATT AN LIC (NEW FOUNDLAND)

MERCER, M.C., MISRA, R.K., HURLEY, G.V. 1980 SEX DETERMINATION OF THE OMMASTREPHID SQUID ILLEX ILLECTEBROSUS USING BEAK MORPHONIETRICS. CAN J. FISH AQUAT SCI 37.283-286, LFIG.

MOLLUSCA (CEPHALOPODA). A LLANTIC

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MOLLUSCA. ATLANTIC (NOVA SCOTIA)

MERDSOY, B. 1978 IN SITU OBSERVATIONS OF SQUID. CAN FISH MAR SERV TECH REP.

MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

MESNIL, B. 1977 GROWTH AND LIFE CYCLE OF SQUID, LOLIGO PEALFI AND ILLEX ILLECEBRO-SUS, FROM THE NORTHWEST ATLANTIC INT. COMM. NORTHWEST ATL. FISH. SEL. PAP. 255-69, 4 FIG. 4 TAB.

MOLLUSCA (CEPHALOPODA). ATLANTIC

MILLER, B.S. 1967 — STOMAGH CONTENTS OF ADULT STARRY FLOUNDER AND SAND SOLF IN EAST SOUND ORGAS ISLAND, WASHINGTON — J. FISH. RES. BOARD CAN. 24 2467-2471, 3 FIG.

ANNELIDA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PRIAPULIDA TUNICATA, PACILIC (JUAN DE FUGA STRAIT)

MINET, J.P., DUPOUY,H. 1980(MS) CATCH, EFFORT AND BIOLOGICAL CHARACTERISTICS OF SQUID (ILLEX ILLECEBRONUS) IN THE FRENCH FINITERY IN SUBAREAS J AND 4, 1979 NORTH-WEST ATT, EIGH J ORGAN SCR DOC L'END449-114, 6 1G. J TAR

MOLLUSCA (CEPHALOPODA). A FLANTIC

MINET, J.P., PERODOUJ.B. 1978 PREDATION OF COD, GADUS MORIHUA, ON CAPELIN, MALLOTUS VILLOSUS, OFF EASTERN NEWFOUNDLAND AND IN THE GULF OF ST LAWRENCE INT COMM. NORTHWEST ATT. FISH RES BILL. 131.20 & EFG.

CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC

MOHN, R.K. 1981(MS) INDICES OF ABUNDANCE AND BOTTOM TEMPERATURE RELATIONSHIPS FOR SQUID IN DIV 4VWX NORTHWEST ATL FISH ORGAN SCR DOC 99(N397) I-10, 1 FIG. 2

MOLLUSCA (CERHALORODA) ATLANTIC

MOHN, R.K. 1982 YIELD-PER-RECRUIT ANALYSIS OF SHORT-FINNED SQUID ON THE SCOTIAN SHELF BY SIMULATION NORTHWEST ATL. LISH ORGAN SCI. COUNC. STUD. 3-39-45

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

MORRIS, C.C., ALDRICH, F.A. 1985 STATOLITH LENGTH AND INCREMENT NUMBER FOR AGE DE-TERMINATION OF ILLEN ILLECEBROSLS (LENUEUR, 1821) (CEPHALOPODA, OMMASTREPHI-DAE) NORTHWEST ATL FISH ORGAN SCI COUNC STUD 9 10-100, 7 FIG. 2 TAB

MOLLUSCA (GEPHALOPODA). ATLANTIC

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 - MOLLUSCA (CEPHALOPODA). A FLANT R
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ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CRUSTACEA CTENOPHORA ECHI-NODERMATA MOLLUSCA NEMERTEA SIPUNCULA TUNICATA, QUEBEC ATLANTIC

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ANNELIDA BRACHIOPODA BRYOZOA CNIDARIA CTENOPHORA CRUSTACEA ECHI-NODERNATA MOLLUSCA NEMATOMORPHA NEMERTEA PORIFERA PYCNOGONIDA SIPUNCULA TUNICATA, NEWFOUNDLAND/ATLANTICA

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PAULMER, G., MESNILB. 1973(MS) SQUIDS LOLIGO PEALEI AND ILLEX ILLECEBROSUS, ON GEORGES BANK, R.Y. CRYCOS CRUISE SEPTEMBER-OCTOBER 1974 INT. COMM. NORTHWEST ATL FISH RES DOC. 4475481-14

MOLLUSCA (CEPHALOPODA), ATLANTIC (BAY OF FUNDY)

PAULY, D. 1985 POPULATION DYNAMICS OF SHORT-LIVED SPECIES, WITH EMPHASIS ON SQUIDS NORTHWEST ATL FISH ORGAN SCI COUNC STUD 9143-154, 9 FIG., 4 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC

PFEFFER, G. 1912 DIE CEPHALOPODEN DER PLANKTON-EXPEDITION ERGEB PLANKTON-EXPEDITION ERGEB PLANK-

MOLLUSCA (CEPHALOPODA), ATLANTIC PACIFIC

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MOLLUSCA (CEPHALOPODA), PACIFIC (VANCOUVER ISLAND)

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MOLLUSCA (CEPHALOPODA), PACIFIC (BRITISH COLUMBIA)

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MOLLUSCA (CEPHALOPODA), PACIFIC

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CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC

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MOLLUSCA (CEPHALOPODA); ATLANTIC (NEWFOUNDLAND)

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CRUSTACEA ECHINODERMATA MOLLUSCA, ATLANTIC (GULF OF ST. LAWRENCE)

PREFONTAINE, G. 1930. NOTES SUR GLOBICEPHALA MELVENA. REP. PROVANCHER SOC. NAT. HIST CAN (1930)49-64, 7 FIG., 2 PL.

CRUSTACEA MOLLUSCA, ATLANTIC

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ONIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA PYCNOGONIDA TUNICATA ATLANTIC

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ANNELIDA BRACHIOPODA BRYOZOA CHAETOGNATHA CNIDARIA CRUSTACEA LCHINODERNIATA HEMICHORDATA MOLLUCGA NEMERTEA PRIAPLLIDA PYCNO-GONIDA SIPUNCULA TUNICATA, ATLANTIC GULFO PS. LAWRENCE

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CRUSTACEA MOLLUSCA, PACIFIC

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CRUSTACEA MOLLUSCA, PACIFIC

PREST, J. 1969B(MS) CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISH-ERY ON THE PACIFIC COAST IN 1967 - FISH RES BOARD CAN MN REP 1030 1-31, 1 FIG

CRUSTACEA MOLLUSCA, PACIFIC

PRITCHARD, A.L., TESTER, A.L. 1944 FOOD OF SPRING AND COHO SALMON IN BRITISH COLUM-BIA BULL, FISH RES BOARD CAN 651-23, 11 FIG.

UNIDARIA CRUSTACEA MOLLUSCA, PACIFIC

PROVANCHER, L. 1872 LES BORDS DE LA MER NAT CAN (QL-L), 4.240-251, 264-281, 299-305, 6

ANNELIDA CRUSTACEA ECHINODERMATA MOLLUSCA, QUEBEC ATLANTIC

PROVANCHER, L. 1890A. LES MOLLUSQUES DE LA PROVINCE DE QUEBEC NAT CAN (QUE). 19 184-187, 203-205

MOLLUSCA, QUEBEC ATLANTIC

PROVANCHER, L. 1891A. LES MOLLUSQUES DE LA PROVINCE DE QUEBEC PREMIÈRE PARTIE LES CEPHALOPODES, PTEROPODES ET GASTROPODES — C DARVEAU, QUEBEC 1-154, 17 FIG. 6 PI

MOLLUSCA, QUEBEC ONTARIO ATLANTIC

QUAYLE, D.B. 1961B(MS) DELP WATER CLAM AND SCALLOP SURVEY IN BRITISH COLUMBIA, 1960 FISH REA BOARD CAN MS REP (BIOL), 717 1-7, 4 FIG., 1 APP

ANNELIDA BRACHIOPODA CRUSTAGEA ECHNODERMATA MOLLUSCA NEMERTEA PORIFERA LUNICATA, PACIFIC

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ECHINODERMATA MOLLUSCA, PACIFIC

QUIGLEY, J.J. 1964 MECHANIZED SQUID JIGGER TRADE NEWS, DEP FINIT CAN 17(5) 3-5, 5

MOLLUSCA (CEPHALOPODA), ATLANTIC

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RATHJEN, W.C. 1973 NORTHWEST ATLANTIC SQUIDS MAR FISH REV (NSIFS, WASH), 35(2):20-26-9 EIG

MOLLUSCA (CEPHALOPODA). ATLANTIC

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MOLLUSCA (CEPHALOPODA), A FLANTIC

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MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOLNDLAND)

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MOLLUSCA (CEPHALOPODA), ATLANTIC

RIKHTER, V.A., GRINKOVYUS, TUROK,V.E. 1984/MS) DISTRIBUTION OF SOME GROUNDFISH, SPECIES AND SHORT-FININDED SQUID ON HIE SCOTIAN SHELF SLOPE OURING THE 1982 FISH-ING SEASON FROM DATA OBTAINED BY USSR OBSERVERS. NORTHWEAT ATL FISH ORGAN SCEDUCE ORNÁSIS-10-9 FIG. 2 TAR

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

RIKHTER, V.A., TUROKV.F., CRINKOV.Y.U.S. 1981(MS). THE DISTRIBLTION OF SOME GOUNDING THE SPECIES AND INIGET-FININD QUUID ON THE SCOTTAN SHELF DURING THE 1898 FININGS N-1 SON FROM THE DATA OF SOVIET OBSERVERS. NORTHWEST ATL FISH ORGAN NCR DOX 49(N3)10.1-5.20 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

RIKHTER, V.A., TUROK,V.F., GRINGOV,V.U.S. 1982/MS) DIN RIBUTION OF SOME GROUNDISHIN SPECIES AND SIGRET-FINED SQUUL ON THE SCOTIAN SHEEF DURING THE 1981 FISHING SEA-SON, BASED ON DATA FROM USSR OBSERVERS NORTHWEST ATL FISH ORGAN SCR DOC. 11942)1-12, 5 FEG. 1 140.

MOLLUSCA (CEPHALOPODA). ATLANTIC (NOVA SCOTIA)

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MOLLESCA (CEPHALOPODA), PACIFIC

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MOLLUSCA (CEPHALOPODA), ATLANTIC

RONAYNE, M. 1955 SOURD HO! TRADE NEWS DEP FISH GAN 7(8) 3-6, 20, 2 FIG.

MOLEUSCA (CLPHALOPODA). ATLANTIC (NEWFOUNDLAND)

ROPER, C.F.E., BOSS, K.J. 1982 THE GLANT SQUID SCI AM 246(4):96-105, LIGS

MOLLUSCA (CLPHALOPODA), ATLANTIC

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MOLLUSCA (CEPHALOPODA), ATLANTIC

ROPER, C.F.E., SWEENEY,M.J., NAUEN,C.E. 1984 FAO SPECIES CATALOGUE VOL 3 CEPHALOPODS OF THE WORLD AN ANNOTATED AND ILLUSTRATED CATALOGUE OF SPECIES OF INTEREST TO FISHERIES — FAO FISH SYNOP (125)VOL 31-277, 78 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC

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ROWE, V.L., MANGOLD,K. 1975. THE EFFECT OF STARVATION ON SEXUAL MATERALION IN IL-LEN ILLICEBROSUS (LESUEUR) (CEPHALOPODA TEUTHOIDEA). J FAP MAR BIOL ECOL.

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MOLLUSCA (CEPHALOPODA), ATLANTIC

ROWELL, T.W., BUDDEN,F. 1984(MS) THE 1983 FISHERY FOR ILLEN ILLICLBROSUS IN SA4 AND BIOLOGICAL CHARACTERISTICS OF THE STOCK NORTHWEST ATL. FISH ORGAN SCR. DOC.

MOLLUSCA (CEPHALOPODA). ATLANTIC

ROWELL, T.W., BUDDEN,F. 1985(MS) FILE 1984 FISHERY FOR ILLEX ILLECEBROSUS IN SA4 AND BIOLOGICAL CHARACTERISTICS OF THE STOCK NORTHWEST ATL FISH ORGAN SCR DOC 26(A)976)-1-11 6 FIG. 3 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC

ROWELL, TW, SCATTOLONEC. 1986(MS) THE 1985 ITSHERY AND BIOLOGICAL CHARACTERISTICS OF ILLEN ILLECEBROSUS IN SUBAREA 4 NORTHWEST ATE, FISH ORGAN SCR. DOC 26/(NTH40) 1-12, 7 FIG. 3-7 AB.

MOLLUSCA (CEPHALOPODA) — A LI AN LIC

ROWELL, T.W., TRITES, R.W., 1985 DISTRIBUTION OF LARVAL AND JUNEMIER BLEEN (MOLLUNGA CEPHALOPODA) IN THE BLAKE PLATEAU REGION (NORTHWEST ATLANTIC) - VIE MILHA 35 (49-16), 7 FIG. 4 TAB

MOLLUSCA (CEPHALOPODA). A LLANTIC

ROWELL, T.W., YOUNG, J.H. 1984(MS) UPDATE OF THE DISTRIBUTION BROMASS AND LENGTH TRULE YOUNG THE HEAD THE CHARLES HELL CHRONOUS IN DIVISIONS AVEN FROM CANADIAN RESEARCH ATS \$11.5 K RVIA'S, 1976-1983. NOR HIWEST ALL FISH ORGAN SCR DOC 60(N858)-1-2

MOLLUSCA (CEPHALOPODA). ATLANTIC

ROWELL, TW, YOUNG JH. 1986/MS) BIOLOGACCAL CHARACTERISTICS AND BIOMASS EXTIMATES OF THE SQUID HELE'S ILLECTBROSUSION THE SCOTIAN SHELF (DIV 4VWX) IN 1985 NORTH-WEST ATE, FISH ORGAN SCRIDOC 52(N)169) 1-11, 4 FIG., 3 TAB

MOLEUNCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

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MOLLUSCA (CEPHALOPODA). ATLANTIC (NOVA SCOTIA)

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MOLLUSCA (CEPHALOPODA), A FLANTIC (NOVA SCOTIA)

SABING, E. 1824. INVERTEBRATE ANDMALS IN PARRY, WE (ED.) A AUPPLEMENT TO THE AP-PENDIX OF CYPTAIN PARRY'S VOYAGE FOR THE DIMOVERY OF A NORTH-WEST PASSAGE. IN THE YEARS 1809-1820. CONTAINING AN ACCOUNT OF THE SUBJECTS OF NATURAL HISTORY (DIM MURRYL, JONDON 219-239, 24).

ANNELIDA CNIDARIA CRUSTACEA CTENOPHORA ECHINODERMATA MOLLUSCA PYCNOGONIDA, ARCTIC (CANADIAN ARCHIPELAGO)

SAMEOTO, D.D. 1982 ZOOPLANKTON AND MICRONEKTON ABUNDANCE IN ACQUISTIC SCALLER-ING LAYERS ON THE NOVA SCOTIAN SLOPE. CAN 1. FISH. AQUAT SCI. 39.760-777, 4 FIG.

ANNELIDA CHAELOGNATHA CNIDARIA CRUNTACEA CTENOPHORA MOLLUSCA TUNICATA ATLANTIC (NOVA SCOTIA)

SAMEOTO, D.D. 1984 ENVIRONMENTAL FACTORS INFLUENCING DIURNAL DISTRIBUTION OF ZOOPLANKTON AND ICHTHYOPLANKTON J. PLANKTON RES. 6.767-792, 4 FIG.

ANNELIDA CHAFTOGNATHA GRUSTAGEA MOLLUSCA TUNICATA, ATLANTIC (NOVA-SCOTIA)

- SANGER GA 1983 DIETS AND FOOD WEB RELATIONSHIPS OF SUBROS IN THE GULF OF ALAS-KA AND ADJACIAT MARINE REGIONS FIRM REPORT TO THE OUTER CONTINUAL SHEEF IN FINIRONMENTAL ASSESSMENT PROGRAM US FISH WILDL SERV NATI FISH REN CENT MICRATORY BIRD SET ANGIORAGIC, ALSKA 1-10, 95 FISH, 45 VPP
- ANNELIDA BRYOZOA CRUSTACEA ECHINODERMATA ECHIURA MOLITSCA, ARC-DC PACIFIC
- SATO, T. 1979(MS) OUTLINE OF JAPANESE SQUID FISHERY IN SUBAREAS 3 AND 4, 1975-78 INT COMM NORTHWEST ATL. FISH RES DOC. 22(5)4891-24

MOLLUSCA (CEPHALOPODA), ATLANTIC

SAUNDERS, M.W., MCFARLANE, G.A., SMITH, M.S. 1984 ABUNDANCE, DISTRIBLTION AND BIOLOGA OF PPINY DOGEISH (SQUALUS AGANTHAS) IN IECATE STRAIT DURING SEPT 7-OCT 1, 1982 CAN MS REP. EISH AQUAL SCI. 1754-1416. 8 FIG. 9. APP.

CNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA, PACIFIC (BRITISH COLUMBIA

SCARRETT, D.J. (ED.). 1982 CANADIAN ATLANTIC OFFSHORE FISHERY ATLAS. CAN SPEC. PUBL. 118H. AQUAT. SCI. 47(REVISED) 1-101, FIGS., MAPS.

CRUSTACEA MOLLUSCA, ATLANTIC

SCHEFFER, V.B. 1959 INVERTEBRATES AND FISHES COLLECTED IN THE MEET TIANS, 1936-38 N. AM. FAUNA 61:365-406. 26 FIG.

ANNELIDA BRACHIOPODA UNIDARIA CRUSTACEA ECHINODERMATA MOLLUSCA NEMERTEA PLATYHELMINTHES PORIFERA, ALASKA ARCTIC PACIFIC

SCHMITT, J. 1904 MONOGRAPHIE DE L'ILF D'ANTICONTE (GOLFF SAINT-L'URENT) LIBRAIRIE SCHN LIFIQUE A HERMANN, PARIS 1-367, 46 FIG

ANNELDA BRACHIOPODA CHALFOGNATHIA (NIDARIA CRUSTACEA CTENOPHORA ICHINODERMATA MOLLUNCA NEMATOMORPHA NEMERLEA PORIFERA PACNOGONI-DA TUNICATA, QUEBEC ATLANTIC

SCOTT, J.S. 1978 DISTRIBUTION OF SQUID, ILLEX HLLEGEBROSUS, ON THE SCOTIAN SHELL 1970-1976 INT COMM NORTHWEST ATL FISH SEL PAP 3/93-96

MOLEUSCA (CEPHALOPODA), ATLANTIC (NOVA SCOTIA)

SEALY, S.G. 1975 FEEDING ECOLOGY OF THE ANCIENT AND MARBI FD MURRHLETS NEAR LAN-GARAINLAND, BRITISH COLUMBIA CAN J. ZOOL. 53 418-433, 7 FIG.

CRUSTACEA MOLLUSCA, PACIFIC (BRITISH COLUMBIA)

SEAMAN, G.A., LOWRY,L.F., FROST,K.J. 1982 FOODS OF BELUKHA WHALES (DETPHINAPTERUS LEUCAS) IN WESTERN ALASKA — CETOLOGY, 44-1-19, 2-FIG

CRUSTACEA ECHINODERMATA MOLLUSCA, ARCHIC

SEBENS, K.P., LAAKSO,G. 1977 THE GENUS FEALIA (ANTHOZOA ACTINIARIA) IN THE WATERS OF THE SAN JUAN ARCHIPELAGO AND THE OLYMPIC PENINSULA WASMANN J BIOL 35 152-166, 5 FIG. 1-TAG.

CNIDARIA CRUSTAGEA ECHINODERMATA MOLLUSCA, PACIFIC

SERGEANT, D.E. 1982 FHE BIOLOGY OF THE PILOT OR POTHEAD WHALE GLOBICEPHALA MILLYENA (TRAILE) IN NEWFOLNDLAND WATERS BUILL FISH RES BOARD CAN 132 I-84 28 FIG., LAPP

CRUSTACEA MOLLUSCA, ATLANTIC (NEWFOUNDLAND)

SERGEANT, D.E. 1973 FEEDING, GROWTH AND PRODUCTIVITY OF NORTHWEST ATLANTIC HARP NEALS (PAGOPHILU'S GROENLANDIGUS) J FISH RES BOARD CAN 3017-29, 4 FIG

CRUSTACEA MOLLUSCA, ATLANTIC ARCTIC

SERGEANT, D.E., FISHER, H.D. 1957 THE SMALLER OF LAGLA OF EASTLEN GANADIAN WATERS J. FISH. RES. BOARD CAN. 1483-115, 8 FIG.

MOLLUSCA (CEPHALOPODA). A FLANCIC

SHAW, W., MCFARLANG,GA, SCARSBROOK, R., SMITHAMS, ANDREWS,W.T. 1985 DISTRIBUTION AND BIOLOGY OF PRICE ICHAIN NO WYLLEN POLICY OF ITHE WEST COAST OF VANCOUT YER ISLAND AND THE STATE OF WASHINGTON (AUGUST 15-SEPTEMBER \$ 1981). CAN MS REPLIEND AND THE STATE OF WASHINGTON (AUGUST 15-SEPTEMBER \$ 1981).

CRUSTACEA MOLLUSCA, PACIFIC

SHIMPA, R.L., PYFE,D., RAMSEY,L., BERGEY,A., ELLIOTTJ, GUY,S. 1984 A NOTE ON SPAWNING OF THE PACIFIC MARKET SQUID, LOLIGO OPALESCENS (BERRY, 1911), IN THE BARKETY SON ND REGION VANCOLVER INJUNYO, CANDAL US NATE MAR TISH SERV FISH BLLE. 12, 445-446

MOLLUSCA (CEPHALOPODA). PACIFIC (VANCOUVER ISLAND):

SIVAK, J.G. 1982 OPTICAL PROPERTIES OF A CEPHALOPOD EYE (THE SHORT-FINNED SQUID TL-Ley Illici Brosus) – J. Comp. Physiol. A. Sens. Neural. Behav. Physiol. 147 323-328. J. Fig. 2. Lar.

MOLLUSCA (CEPHALOPODA) - ATLANTIC

SMITH, A.G. 1974A TYPE AND OTHER CEPHALOPODS IN THE COLLECTION OF THE DEPART-MENT OF INVESTIBENTE ZOOLOGY, CYLHORNIA ACADEMY OF SCIENCES VELIGER 16 319-333

MOLLUSGA (CEPHALOPODA). PACIFIC

SMITH, G.J.D., GASKIN, D.E. 1974 - THE DIET OF HARBOR PORPOISES (PHOCENA PHOCENA (L.)) IN CONTAL WILERS OF EVSTERN CANADA, WITH SPLUAL REFERENCE TO THE BAY OF FUNDLY CAN LZOOL 52777-782, 2 FIG.

ANNELIDA MOLLUSCA, ATLANTIC

SMITH, J. 1977 — GATCH AND ELFORT STATISTICS OF THE CANADIAN GROUNDFISH FISHERY ON THE PACIFIC COAST IN 1976 — CAN FISH MAR SERV LEGH REP 7361-83, 3 FIG.

CRUSTACEA MOLLUSCA, PAGIFIC

SMITH, J.E. 1970A CATCH AND LEFORT STATISTICS OF THE BRITISH COLUMBIA TRAWL FISH-ERY IN 1969 - FISH RES BOARD CAN TECH REP 1811-89, 2 FIG

CRUSTAGEA MOLLUSCA, PAGILIC

SMITH, J.E. 1970B(MS) CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDF(SII FISH-ERY ON THE PACIFIC COAST IN 1969 FISH RES BOARD CAN MS REP. 1102 1-16, 1 FIG.

CRUSTAGEA MOLLUSCA, PACIFIC

SMITH, J.E. 1971A CATCH AND EFFORT STATISTICS OF THE BRITISH COLUMBIA TRAWL FISH-ERY IN 1970 FISH RES BOARD CAN TECH REP 257 1-97, 2 FIG.

CRUSTACEA MOLLUSCA, PACIFIC

SMITH, J.E. 1971BINIS) CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISH-ERY ON THE PACIFIC COAST IN 1970. FISH RES BOARD CAN MS REP. 1449 1-18, 1-FIG.

CRUSTACIA MOLLUSCA, PACIFIC

SMITH, J.E. 1972A CATCH AND EFFORT STATISTICS OF THE BRITISH COLUMBIA TRAWLEISH-ERVIN 1971 FISH RES BOARD CAN LECTUREP 3171-66, 2 FIG.

CRUSTAGEA MOLLUSCA, PACIFIC

SMITH, J.E. 1972B(MS) — CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISH-ERY ON THE PACIFIC COAST IN 1971 — FISH RES BOARD CAN MAREP 11971-17, LFIG

CRUSTACEA MOLEUSCA, PACIFIC

SMITH, J.E. 1973 CATCH AND FEFORT STATISTICS OF THE CANADIAN GROUNDEISH FISHERY ON THE PACIFIC COAST IN 1972 FISH RES BOARD CAN FECH REP 308 1-83, 3 FIG.

CRUSTACEA MOLEUSCA, PAGIFIC

SMITH, J.E. 1974. CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH LISHERY ON THE PACIFIC COAST IN 1973 (DATA RECORD). CAN FISH MAR SERV TECH REP. 459 1-72, 3 bit.

CRUSTACEA MOLLUSCA, PACIFIC

SMITH, J.E. 1975. CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDEISH LISHERS ON THE PACIFIC COAST IN 1974 (DATA RECORD). CAN FISH MAR SERV. JEC'H. REP. 542 1-74, 3

CRUSTACEA MOLLUSCA, PAGIFIC

SMITH, J.E. 1978 CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDIESH FISHLRY ON THE PACIFIC COAST IN 1977 CAN FISH MAR SERV TECH REP 8351-85 VEIG

CRUSTACEA MOLLUSCA, PACIFIC

SMITH, J.E. 1979 CATCH AND EFFORT STATISTICS OF THE CANADIAN GROUNDFISH FISHERY ON THE PACIFIC COAST IN 1978 CAN FISH MAR SERV FECH REP 891 1-82 3 FIG.

CRUSTACEA MOLLUSCA, PACIFIC

SMITH, T.G., HAMMILL,M.O. 1980 DISTRIBUTION AND FOOD HABITS OF THE BIRD'S ALONG THE SOLITHEASTERN BAFFIN ISLAND COAST CAN MS REP FISH AQUAT SCL 1573-1-23 LFIG

CRUSTACEA ECHINODERMATA MOLLUSCA, ARCTIC (CANADIAN ARCHIPELAGO)

SNELGROVE, C.E. 1966(MS) EXPERIMENTAL DELP SEA SQUID JIGGING, NEWLOUNDLAND, 1 MAY TO 30 NOVEMBER 1966 REPORT TO CAN DEP TISH IND. DEV. SERV. 1-26

MOLLESCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

SPALDING, D.J. 1964 COMPARATIVE FLEDING HABITS OF THE FUR SEAL SEA LION AND HARBOUR SEAL ON THE BRITISH COLUMBIA COAST BULL FISH RES BOARD CAN 1461-52, 16 FIG. 1 APP

CRUSTACEA MOLLUSCA, PACIFIC

SPARKS, A.K., PEREYRA, W.T. 1966 BENTHIC INVERTIBRATES OF THE SOUTHEASTERN CHUKCHI SEA IN WILLIMOVSKY, N. & N. WOLFE (EDS.) ENVIRONMENT OF THE CAPE THOMPSON RE-GION, ALASKA USARC DIV TECH INF. PRE-481-817-818; 2-FIG.

ANNELIDA BRYOZOA CNIDARIA CRUSTACEA CTENOPHORA ECHINODERMATA EL HIURA MOLLUSCA PORIFERA PRIAPLLIDA PYCNOGONIDA SIPUNCULA, ARCTIC (BELUFORT SLA)

SQUIRES, H.J. 1957B SQUID, ILLEX ILLECEBROSUS IN THE NEWFOUNDLAND FISHING AREA J FINIT RES BOARD CAN 14 693-728, 20 FIG

CRUSTACEA MOLLUSCA, ATLANTIC

SQUIRES, H.J. 1959 SQUID INSHORE IN NEWFOUNDLAND AND ON THE CRAND BANKS, 1953-1958 FISH RES BOARD CAN ATL COAST BIOL STN PROG. REP 72.23-26

MOLLUSCA (CEPHALOPODA). ATLANTIC (NEWFOUNDLAND)

SQUIRES, H.J. 1966C FEEDING HABITS OF THE SQUID ILLEX ILLEGEBROSUS NATURE (LOND),

MOLEUSCA (CEPHALOPODA). A FLANTIC (NEWFOUNDLAND)

SQUIRES, H.J. 1967A GROWTH AND HYPOTHETICAL AGE OF THE NEWFOUNDLAND BAIT SQUID ILLEX ILLEGEBROSUS ILLEGEBROSUS J FISH RES BOARD CAN 24 1209-1217 VFIG

MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

STAFFORD, J. 1912B ON THE FAUNA OF THE ATLANTIC COAST OF CANADA SECOND REPORT - MALPEQUE, 1903-1904 CONTRIB CAN BIOL (1906-1910) 37-44

ANNELIDA BRYOZOA CHIDARIA CRUNTACEA CTENOPHORA ECHINODERMATA MOLLUSCA NEMERTEA PORTERA, ATLANTIC (GULF OF ST. LAWRENCE)

STAFFORD, J 1912C ON THE FAUNA OF THE ATLANTIC COAST OF CANADA THIRD REPORT - GASPE, 1905-1906 CONTRIB CAN BIOL (1906-1910) 45-67

ANNELIDA BRACHIOPODA BRACZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUNCA PORIFERA TUNICATA, ATLANTIC (GULF OF ST. LAWRENCE)

STAFFORD, J. 1912D ON THE FAUNA OF THE ATLANTIC COAST OF CANADA FOURTH RE-PORT CONTRIB CAN BIOL (1906-1910) 69-78

BRACHIOPODA BRYOZOA CNIDARIA MOLLUSCA, ATLANTIC

STALLWORTHY, W.B., FENSOM,D.S. 1966 ELECTRO-OSMOSIS IN AXONS OF FRESHLY KILLED SOLID. CAN I PHYSIOL PHARMACOL 44 866-870

MOLLUSCA (CEPHALOPODA), ATLANTIC

STEADMAN, D.B. 1978. FIELD GUIDE FOR DATA COLLECTION FOR THE NOUID ILLEX ILLEGE-BROSUS. CAN FISH MAR NERV TECH REP 83381-811, 5 FIG. 1 TAB.

MOLLUSCA (CEPHALOPODA), ATLANTIC

STEELE, D.H. 1988(MS) FISHES TAKEN IN THE LAURENTIAN CHANNEL, GULF OF ST. LAW-RENCE BETWEEN BIRD ROCKS AND THE SAGUENAY RIVER, 1983 AND 1984 FISH RES BOARD CAN MIS REP (BIOL), 651 1-32

GRUSTAGEA MOLLUSGA, ATLANTIC (GULF OF ST. LAWRENGE)

STEPHEN, S.J. 1982(MS) AN ANNOTATED CHECKLIST KEY TO CEPHALOPODS OF THE CANADIAN ATLANTIC HUNTSMAN MARINE LABORATORY, ST. ANDREWS 1-236, 168 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC

STEVENSON, J.A. 1933 SQUID (LOLIGO PEALII) AT ST ANDREWS, N.B. BIOL BOARD CAN ANNU REP. (1932) 37-38

MOLLUSCA (CEPHALOPODA), ATLANTIC (BAY OF FUNDY)

STEVENSON, J.A. 1934A ON THE BEHAVIOUR OF THE LONG-FINNED SQUID (LOLIGO PEALII, (LE-NUFUR)) CAN FIELD-NAT 48 4-7, 2 FIG.

MOLLUSCA (CEPHALOPODA), ATLANTIC (BAY OF FUNDY)

STEVENSON, J.A. 1934B OCCURRENCE OF SQUIDS AT ST ANDREWS BIOL BOARD CAN ANNU-REP (1933) 36

MOLLUSCA (CEPHALOPODA), ATLANTIC (BAY OF FUNDY)

STEVENSON, J.A. 1951A(MS) ON THE OCCURRENCE OF LOLIGO PEALIT (LESULUR) AT ST. ANDREWS, N.B., DURING SUMMER, 1932 FISH RES. BOARD CAN MS REP. (BIOL.), 419 1-15, 5 FIG.

MOLLUSCA (CEPHALOPODA). ATLANTIC (BAY OF FUNDA).

SUDA, A. 1973 DEVELOPMENT OF FISHERIES FOR NONCONVENTIONAL SPECIES. J. FISH. RES. BOARD CAN. 30 2121-2158, 25 FIG., 14 TAB.

MOLLUSCA (CEPHALOPODA). ATLANTIC

SUMMERS, W.C. 1971 AGE AND GROWTH OF LOLIGO PEALEL A POPULATION STUDY OF THE COMMON ATLANTIC COAST SOUID. BIOL BULL (WOODS HOLE) 141 189-201 2 FIG. 1 TAB

MOLLUSCA (CEPHALOPODA), ATLANTIC

SUTHERLAND, P.C. 1852. JOURNAL OF A VOYAGE IN BAFFIN'S BAY AND BARROW STRAITS, IN THE YEARS 1856-1819 PERFORMED BY HAN SHIPS "LADY PERANKLIN" AND "SUPPHIA" INDEED IN HIS THE COMMAND OF MR WILLIAM PENNY, IN SEARCH OF THE MISSING CREWS OF HAI MHPS-EREBUS" AND TERROR" WITH OBSERVATIONS ON THE NATURAL HIS JOHN AND PHYSICAL FEATURES OF THE COUNTRIES AND FROZEN SEAS VISITED VOLUMES I AND 2 LONG-MN BROWN GREEN AND LONGAMES, DONDON 1-506, 1-546, 6P.

ANNELIDA CNIDARIA CRUSTACEA CTENOPHORA MOLLUSCA PYCNOGONIDA, ARC-TIC (CANADIAN ARCHIPELAGO)

TAKECCHI, L. 1972. POOD ANIMALS COLLECTED FROM THE STOMACHS OF THREE STAMMOND FF HES NORMEN FOR THE STAMMOND THE PHES NORTH PACIFIC. BULL HOKKAIDO REG. FISH. RES. LAB. 38.1-112, 51.FIG., 5.PIG., 5.P

ANNELIDA CHAETOGNATHA CRUSTACEA CTENOPHORA MOLLUSCA, ARCTIC PACIFIC

TAYLOR, G.W. 1895B PRELIMINARY CATALOGUE OF THE MARINE MOLLUSCA OF THE PACIFIC COAT OF CANADA, WITH NOTES UPON THEIR DISTRIBUTION PROCTRANS R SOCICAN (SER 2), 1, SECT 417-100

ANNELIDA BRACHIOPODA CRUSTACEA MOLLUSCA, BRITISH COLUMBIA PACIFIC

TEMPLEMAN, W. 1966 MARINE RESOURCES OF NEWFOUNDLAND BULL FISH RES BOARD CAN 154 1-170, 71 FIG.

CRUSTACEA MOLLUSCA, ATLANTIC

TEMPLEMAN, W. 1982 STOMACH CONTENTS OF THE THORNY SKATE, RAJA RADIATA, FROM THE NORTHWEST ATLANTIC | NORTHWEST ATL FISH SCI 3 (23-126)

MOLLUSCA (CEPHALOPODA). ATLANTIC

TEMPLEMAN, W., FLEMING, A.M. 1956 THE BONAVISTA LONGLINING EXPERIMENT, 1950-1953 BULL FISH RES BOARD CAN 109 1-55, 16 FIG., 1 APP

CNIDARIA MOLLUSCA, ATLANTIC (NEWFOUNDLAND)

THRELFALL, W. 1982 IN VITRO CULTURE OF ANISAKIS SPP LARVAE FROM FISH AND SQUID IL-LEN ILLECEBROSUS IN NEWFOUNDLAND CANADA PROC. HELMINTHOL. SOC. WASH. 49:65-70

MOLLUSCA (CEPHALOPODA). ATLANTIC (NEWFOUNDLAND)

THRELFALL, W., LU,C.C., ALDRICH,F.A. 1971 TENTACULARIA CORVPHAENAE (BOSC 1802) FROM TWO SPECIES OF OMMASTREPHID SOUID 1 PARASITOL 57 926-927

MOLLUSCA (CEPHALOPODA), ATLANTIC (NEWFOUNDLAND)

TIBBO, \$N., DAY,LR., DOUCET,W.F. 1961 THE SWORDFISH (XIPHIAS GLADIUS L.) LIN LIFE HISTORY AND ECONOMIC IMPORTANCE IN THE NORTHWEST ATLANTIC BULL TISH RIS BOARD CAN 191-47, 24 FIG.

CRUSTACEA MOLLUSCA, A PLANTIC (NOVA SCOTIA)

TOURON, J. 1976(MIS) DISTRIBUTION AND ABUNDANCE OF ILLEX ILLECEBROSUS (LESUEUR) IN SUBTRESS VAND 4 RESULTS OF AN EXPLORATORY CRUISE INT. COMM. NORTHWEST ATL. LISH RES. DOC. 307507-LIS

MOLLUSCA (CEPHALOPODA). ATLANTIC

TREMBLAY, J.-L. 1948A RECHERCHES SUR LA MORUE ANNEE 1947 STN BIOL ST-LAURENT RAPP 7 (3-19)

ANNELIDA CRUSTACEA ECHINODERMATA MOLLUSCA FUNICATA, ATLANTIC

TRITES, R.W. 1983. PHYSICAL OCEANOGRAPHIC FEATURES AND PROCESSES RELEVANT TO IL-LEX ILLECEBROSUS SPAWNING IN THE WESTERN NORTH ATLANTIC AND SUBSEQUENT LAR-VAL DIVERBUTION. NORTHWEST VIL TISH ORGAN SCI. COUNC. STUD 6 39-55.

MOLLUSCA (CEPHALOPODA). ATLANTIC

TUCK, L.M. 1960 FILE MURRES THEIR DISTRIBUTION, POPULATIONS AND BIOLOGY A STUDY OF THE GENUS URIA — CANADIAN WILDLIFE SERVICE, OTTAWA 1-260, 34 FIG., 20 PL., 6 APP., 28 LAB

ANNELIDA CRUSTACEA MOLLUSCA, ARCTIC (CANADIAN ARCHIPILLAGO)

TUCK, L.M., SQUIRES,H.J. 1955 FOOD AND FEEDING HABITY OF BRUNNIGH'S MURRE (URIA LOMVIA LOMVIA) ON AKPATOK ISLAND | 1 FISH RES BOARD CAN 12 781-792, 2 FIG.

ANNELIDA CRUSTACEA MOLLUSCA, ARCTIC (HUDSON BAY)

UCINSKI, S. 1973 THE RESULTS OF POLISH SQUID CATCHES IN THE NW ATLANTIC IN 1972 IN LIPINSKI, M. (ED) SQUID SYMPOSIUM, 5-6 JUNE 1973, GDYNIA SEA FISH INST., GDYN-1A 91-109 (TRANSLALED FOR NA HOMAL INARINE LISHERERS SERVICE, WASHINGTON, DC.)

MOLLUSCA (CEPHALOPODA), ATLANTIC

VAN DER SPOEL, S., HEYMAN,R.P. 1983 – A COMPARATIVE ATLAS OF ZOOPLANKTON WETEN-SCHAPPELLIKE UITGEVERTI BUNGE, UTRECHT 1-186, 50 FIG., 143 MAPS

CHAETOGNATHA CRUSTAGEA MOLLUSCA, ATLANTIC ARCTIC PACIFIC

VERMEER, K. 1979 NESTING REQUIREMENTS, LOOD AND BREEDING DISTRIBUTION OF RHI-NOCEROS ALKLETS, CERORITINEA MONOCERAFA, AND FUFTED PUFFINS, LUNDA CIRRITATA ANDEA 67 (0):1104 FIG.

MOLLUSCA. PACIFIC (VANCOUVER ISLAND)

VERMEER, K., WESTRHEIMS, J. 1984 FISH CHANGES IN DIETS OF NESTLING RHINOCEROS AUK.
LETS AND THEIR INPLICATIONS. IN CANADIAN WILDLIFE SERVIE (COMPS) MARRIN. BRIDS
THEIR FEEDING ECOLOGY AND COMMERCIAL FINIERIES RELATIONSHIPS PROC. PACIFIC
SEABIRD GROUP SYM SEATILE. WASHINGTON, 6-8 JANUARY 1982 SUPPLY & SERVICE CANADA,
CW466-65 1984 OTTAWA 9-615 11 FIG.

MOLLUSCA (CEPHALOPODA), PACIFIC

VERRILL, A.E. 1873A. REPORT UPON THE INVERTEBRATE ANIMALS OF VINES AND SOLND AND THE ADJACENT WATERS, WITH AN ACCOUNT OF THE PHYSICAL CHARACJERS OF THE ART-GION IN BAIRD, SE REPORT ON THE CONDITION OF THE EAT-PHILERS OF THE AUTHOROVED OF THE ANIMAL OF THE AUTHOROVED OF THE AUTHOROV

ANNELIDA BRYOZOA CNIDARIA CRUSTACEA ECHINODERMATA MOLLUNCA FORIF-ERA TUNICATA, ATLANTIC

- VERRILL, A.E. 1873C RESULTS OF RECENT DREDGING EXPEDITIONS ON THE COAST OF NEW ENGLAND AM 1 NOT ARTS, (SER 3), 51-16-98-106
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- VERRILL, A.E. 1874A OCCURRENCE OF GIGANTIC CUITLE FISHEN ON THE COANT OF NEW-FOUNDLAND CAN NAT O J SCI (NS), 7 224-227
 - MOLLUSCA (CEPHALOPODA). ATLANTIC
- VERRILL, A.E. 1875B NOTICE OF THE OCCURRENCE OF ANOTHER GIGANTIC (EPHALOPOD FAR-CHILDUTHIS) ON THE COAST OF NEWFOUNDLAND, IN DECEMBER 1874 AM. J. SCI. (SER. D., 10210-214). MLSO IN ANN MAG. NAT HIST TERF4, 10, 105-06-206.
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- YERRIL, A.E. 1879-1880. THE GERMADFODS OF THE NORTH-LASTERN COAST OF MATRIX PART | THE GIGANIUS SQLIDS ARGUMETUTHES AND THEIR ALLES, WITH OBSERVATIONS ON SIMILAR LARGE SPECIES FROM FOREIGN LOCALITIES. TRANS. CONN. ACAD. ARTS. SCI. 5177-357. THE CONN. ACAD. ARTS. SCI. 5177-357.
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- VERRILL, A.E. 1879E PRELIMINARY CHECK-LIST OF THE MARINI INVERTEBRATA OF THE AT-LANTIC COAST, FROM CAPE GOD TO THE GULF OF ST. LAWRENCE. NEW HAVEN 1-32
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WOODLAND, B. 1966B NEW SQUID INVESTIGATIONS TRADE NEWS, DEP FISH CAN 18(12) 13-14, 4 FIG.

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40UNG, R.E. 1972 THE SYSTEMATICS AND AREAL DISTRIBUTION OF PELAGIC CEPHIALOPODS TROM THE SEASON SOUTHERN CALIFORNIA SMITHSON CONTRIB ZOOL 97 1-159, 38 PE

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